



IIITDM Kancheepuram

Data Sciences Internship Programme under AV VRITIKA Scheme-2022

About IIITDM Kancheepuram

IIITDM Kancheepuram, a centrally funded institute offers UG and PG programs in computer, electronics and mechanical engineering with the mandate of excelling in IT and IT enabled Design & Manufacturing pedagogy and research. B.Tech, M.Tech, Dual Degree courses specializing in VLSI, Systems Design, etc. and Ph.D programmes in core areas of engineering are offered by us. Curricula for these programmes augment engineering domain with relevant design & manufacturing skills. More details at www.iiitdm.ac.in

About VRITIKA Research Internship Scheme

VRITIKA' is the call for initiation and practice in science through Training and Skill Internship. This program aims to provide opportunities to promising PG students from universities and colleges to get exposure and hands-on research skill development experience. These internships will primarily be facilitated by organizations / institutions / laboratories of national importance. For further details visit the following links: <https://acceleratevigyan.gov.in/programs/abhyas/vritika> & <http://serb.gov.in/abhyaas.php>

About the DSIP Internship Programme

The Internship will focus in the areas of Social Media Analytics & Transfer Learning in NLP.

Social Media Analytics: Social Network analysis helps in finding the insights from social media data. As the usage of Internet and social networking sites are increasing, large amount of Fake Accounts and Fake News are being created. There is more scope for new methodologies that could detect the Fake accounts created and mitigate the propagation of Fake News. Analysis include text, image, metadata and propagation based Fake detection mechanism in OSNs

Transfer Learning in NLP: When conventional Machine learning is all about learning in isolation, transfer learning techniques enable to transfer knowledge from one domain/task to a similar domain/task of interest. Thus, this eliminates the compelling need to develop dedicated task-specific models from the scratch. The Interns will be taught to fine-tune well-established pretrained models like BERT, RoBERTa etc for a set of downstream tasks.

Internship Details

- ❖ **Duration:** May 02 2022 to June 30 2022
- ❖ **Place of Internship:** IIITDM Kancheepuram, Chennai-600127
- ❖ **Number of Internships offered:** 05
- ❖ **Reporting Date for Selected Candidates:** On or before 02nd May 2022
- ❖ No Stipend will be provided for the Internship.
- ❖ Boarding, Lodging expenses for the internship period and other contingency expenditures as approved under Vritika scheme will be provided.
- ❖ Certificate will be provided to the interns after the successful completion of the internship tenure.

Who can Apply?

- ❖ Regular PG-Level (CSE / IT / Related Disciplines) Students who are currently pursuing their degree from Institutions within India.
- ❖ The Intern should be interested / knowledgeable in Deep Learning Projects and NLP & Social Media related tasks.

How to Apply?

- ❖ The candidate shall apply by filling out the given google form. <https://forms.gle/xz2pejokDpReGV2e9>
- ❖ **Deadline for Application Submission:** 17th April 2022
- ❖ Shortlisted candidates shall be intimated via email on or before 20th April 2022.

Address for Correspondence:

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