

# IIITDM Kancheepuram

## Call for Summer Research Internship Under Accelerate Vigyan - Vritika

### Data Analytics and Machine Learning models for Logistics and Supply Chain Management

#### About IIITDM Kancheepuram

IIITDM Kancheepuram, a centrally funded institute offers UG and PG programs in Mechanical, Computer, and Electronics 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 Smart Manufacturing, System design, Product 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](http://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 and 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>

<https://serb.gov.in>

#### About the Internship Programme

Application Data science, Artificial Intelligence and Machine Learning is revolutionizing the field of Logistics, Operations and Supply Chain Management and is spearheading the research and development globally. This programme is planned to create a platform for discussion and exchange of knowledge between participants and leading experts who are working at the interface of these areas. Our workshop is also aimed to get a glimpse of the recent trends and some exposure towards applying various AI/ML based tools in handling data to several downstream involving transportation, Location Allocation problems and Supply Chain Management for validation. The Course is devised to Understand the basics of Statistics used for Data Analysis, the various Regression techniques, machine learning basics, basics of Supply Chain management, Logistic network design using Machine Learning methods and hands on with R Software and Power BI for Data Analytics.

#### Internship Details:

- Duration: 08 May 2023 to 05 Jul 2023 (59 Days)
- Place of Internship: IIITDM Kancheepuram, Chennai-600127
- Number of Internships: 05
- Reporting Date for Selected Candidates: On or before 8<sup>th</sup> May 2023
- 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 (MECH/PROD/IND/Related Disciplines) Students who are currently pursuing their degree from Institutions within India.
- Students interested to pursue research in the field of SCM and Machine learning.

#### How to Apply?

- The candidate shall apply by filling out the given google form. <https://forms.gle/spnewBmnm4rFu5fx8>
- Deadline for Application Submission: 1<sup>st</sup> May 2023
- Shortlisted candidates shall be intimated via email on or before 3<sup>rd</sup> May 2023

#### Address for Correspondence:

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