

**Cluster Innovation Centre
University of Delhi**

Call for Summer Research Internship 2026

Applications are invited from interested undergraduate students for the **Summer Research Internship 2026** programme at the Cluster Innovation Centre, University of Delhi. Interested students may submit their **one-page CV** to the email ID of the respective faculty mentor by **31 May 2026**. The mail must have the subject “**CV for Summer Research Internship 2026**”.

No stipend will be provided for the internship. Brief details of the internship projects, prerequisites, and faculty mentors are given below:

S.No	Name of the Faculty & Broad Area	Topic/ Brief Introduction	Prerequisites	E-mail ID
1.	Prof. Shobha Bagai (<i>Mathematics; Data Science</i>)	Introduction to Persistent Topology: Understanding the Shape of Data through Mathematics: The project introduces students to topology and Topological Data Analysis (Persistent Homology), focusing on identifying hidden patterns such as clusters, loops, and voids in complex datasets. Students will work with simple datasets, construct simplicial complexes, and explore applications in data analysis and visualization.	Strong interest in Mathematics and problem solving; basic knowledge of Calculus and Linear Algebra; familiarity with sets, functions, and matrices. Exposure to Discrete Mathematics/Topology and basic programming in Python/MATLAB is desirable.	shobhabagai@cic.du.ac.in
2.	Prof. Shobha Bagai (<i>Game Design; Mobile App Development</i>)	Design and Development of Innovative Educational and Strategy-Based Mobile Games: The project focuses on conceptualizing and developing innovative educational and strategy-based games for mobile platforms. Students will explore game design, user interaction, creativity, logical thinking, and mobile app deployment using modern development tools.	Basic programming knowledge is desirable. Interest in game design, mobile applications, creativity, and problem-solving. Familiarity with Python, Flutter, Unity, or similar tools would be an added advantage.	shobhabagai@cic.du.ac.in



3.	Prof. Mahima Kaushik (<i>Nano-Biotechnology</i>)	Nanomaterial Synthesis and Applications: This internship aims to let students understand the basics of Nano-biotechnology, elaborating upon the synthesis of various nanomaterials and their characterization using physicochemical techniques.	Students from any chemical science/ Life science stream can apply. (Offline/ online/ hybrid mode can be discussed)	mkaushik@cic.du.ac.in
4.	Prof. Mahima Kaushik (<i>Nano-Biotechnology</i>)	Computational /Bioinformatics analysis of OMICS data: This internship aims to work on projects related to big OMICS data for various biomedical applications, using bioinformatics and computational biology.	Students from any chemical science/ Life science/ IT domain stream can apply. (Offline/ online/ hybrid mode can be discussed)	mkaushik@cic.du.ac.in
5.	Prof. Suresh Kumar (<i>Ethnobotany</i>)	Ethnobotany and Medicinal Botany: A hands-on internship involving collection, extraction, and phytochemical screening of medicinal plants. Students will learn traditional medicinal plant knowledge, field collection techniques, extraction methods, and laboratory screening for bioactive compounds.	Background in Botany, Plant Sciences, Pharmacy, Life Sciences, Chemistry, or related disciplines.	suresh@cic.du.ac.in
6.	Prof. K.S Rawat (<i>Machine Learning</i>)	Innovation in Machine Learning and Intelligent Data Analytics: The project focuses on applications of Machine Learning, Intelligent Data Analytics, Social Media Analytics, and Quantum-Inspired Computing for solving real-world problems using practical datasets and Python-based tools.	Basic programming knowledge (preferably Python) and fundamental understanding of Mathematics/Statistics.	ksrawat@cic.du.ac.in
7.	Dr. Saleem Mir (<i>Tourism</i>)	Geography, History, and Tourism Sustainability in Kashmir: The project explores the relationship between geography, history, and sustainable tourism in Kashmir, including the impact of tourism on environment, culture, economy, and local livelihoods.	Basic knowledge of geography and history of Kashmir and willingness to undertake fieldwork in Kashmir.	msmir@cic.du.ac.in
8.	Dr. Rajesh Kumar Abhay & Dr. Jyoti Paul (<i>Sustainable Cities and Communities</i>)	Residential Satisfaction of Student Housing in Delhi: The project examines housing conditions, residential satisfaction, and challenges faced by students in Delhi, including infrastructure, affordability, safety, and quality of life.	Working knowledge of MS Word, MS Excel, Google Forms, online surveys, and QGIS.	rkabhay@cic.du.ac.in

Note: The Summer Research Internship is open only to undergraduate students.



Director, CIC