

Department of Computer Science and Engineering



National Institute of Technology Delhi



VISION & MISSION



VISION

To communicate quality Computer Science Education for producing globally identifiable technocrats and entrepreneurs upholding sound ethics, profound knowledge, and innovative ideas to meet industrial and societal expectations.

1. To impart value-based technical knowledge and skill relevant to Computer Science and Engineering through effective pedagogies and hands-on experience on the latest tools and technologies to maximize employability.
2. To strengthen multifaceted competence, nurture creativity and innovation and create entrepreneurial environment for an ever-changing technological scenario requiring communally cognizant solutions.
3. To create an appetite for research and higher education in contemporary and emerging areas of Computer Science.
4. To inculcate the moral, ethical, and social ideals essential for prosperous nation-building.



MISSION

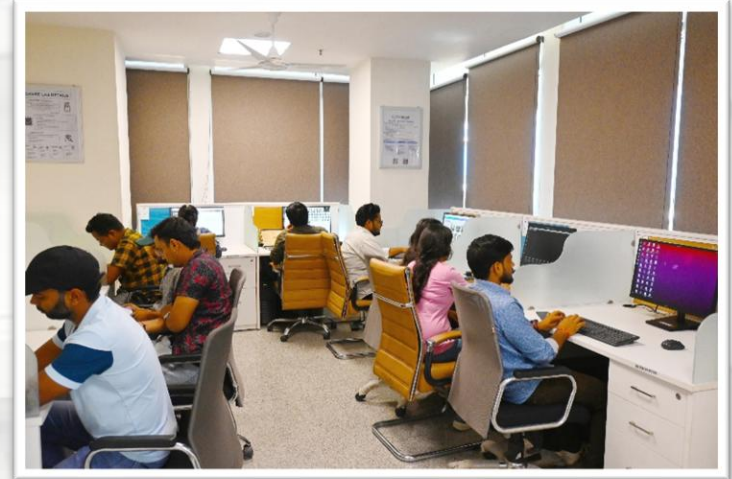


Data Analytics and Vision for Smart Environments Lab (GF Lab No. 13)

Lab Coordinator : **Dr. Sahil**
Technical Staff : **Mr. Vikas Bhardwaj**

On-going Research Activities:

- **Smart Disaster Management**
 - Remote Sensing-based Forest Fires Detection
- **Intelligent Transportation Systems**
 - Artificial Intelligence-assisted Intelligent Public Transportation
- **Smart Healthcare**
 - Data Analytics for Mental Health diagnosis
- **Smart Agriculture**
 - Federated Learning-based Soil Profiling
- **Bibliometrics**
 - Interrelationships-based study of Research Frontiers in Emerging Research Domains





Data Analytics and Vision for Smart Environments Lab (GF Lab No. 13)

Workstations Technical Specification

Processor	Name:	Intel Xeon Gold 6226R
	Total Cores:	16
	Total Threads	32
	Max Turbo Frequency	3.90 GHz
	Base Frequency	2.90 GHz
	Cache	22 MB
Pre-loaded AI Frameworks		CuDNN, Pytorch, MxNet
Accelerator (GPU)		RTX A 6000 – 48 GB
Memory		64 GB
Storage		SSD - 512 GB HDD – 2 TB
OS		Ubuntu 20.04 LTS
Monitor		BenQ – 24 inch (1920 x 1080)



Qty: 5 Workstations



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धन्यवाद | THANK YOU

कंप्यूटर विज्ञान एवं अभियांत्रिकी विभाग

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