

We're excited to share that our **5-day workshop on "Next-Gen AI Frameworks for Real-Time Flash Flood Risk Management in Mountainous Terrains"** (7th–11th July, 2025) has been successfully completed!

The workshop brought together leading experts, researchers, and participants to explore how Artificial Intelligence and Machine Learning can revolutionize real-time flood risk management—contributing to safer and more resilient mountain communities.

✦ Workshop Highlights:

- ✓ Expert talks on cutting-edge AI solutions and advanced modeling techniques
- ✓ Hands-on sessions and live demonstrations showcasing practical applications
- ✓ Thought-provoking discussions on current challenges and future directions
- ✓ Dynamic participation, knowledge exchange, and collaborative learning

🎓 We were proud to host **52 participants** from across India, including **30 from outside institutions** (IITs, NITs, state and private universities) and **22 from NIT Jalandhar**.

🙏 A heartfelt thank you to our distinguished speakers:

- ✍ **Prof. Gautam Srivastava** (Brandon University, Canada)
- ✍ **Prof. Mahesh Kumar Jat** (MNIT Jaipur)
- ✍ **Prof. Mahesh Pal** (NIT Kurukshetra)
- ✍ **Dr. Priyank J. Sharma** (IIT Indore)
- ✍ **Dr. Ashutosh Sharma** (IIT Roorkee)

🌐 Special thanks to our international research collaborators:

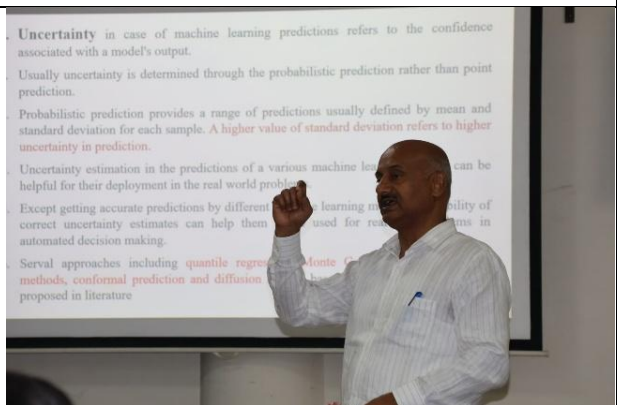
Prof. Carlo Gualtieri (University of Naples, Italy) and
Prof. Agustín Millares Valenzuela (University of Granada, Spain)
for their continued support and collaborative engagement.

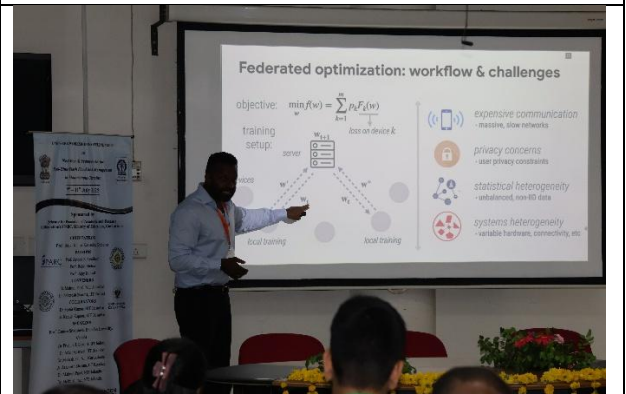
👏 We extend our sincere appreciation to **Dr. Mohit Kumar**, **Dr. Kanish Kapoor**, and all the dedicated **student coordinators** for their tireless efforts in making this workshop a grand success.

📖 Looking ahead, we're excited to announce the development of a **book monograph** titled "*Next-Gen AI Framework and Techniques for Flood Management and Risk Assessment*," to be proposed to reputed publishers like **Elsevier** or **Springer**, and targeted for **Scopus indexing**.

Let's continue the journey of innovation, research, and collaboration toward flood-resilient futures!

#AI #MachineLearning #FloodRiskManagement #SPARC #ClimateResilience
#WorkshopSuccess #Collaboration #NITJalandhar #ResearchAndInnovation





❖ Thank you to all our speakers, participants, and organizing team for making this event insightful and impactful!

Together, let's keep pushing the boundaries of technology for a safer and smarter future!