# *Brief Profile*

## *Dr. Sanjeev Kumar*
### *Associate Professor & Associate Dean*
### *( ICFAI Tech School)*
### *The ICFAI University, Dehradun*

**Dr. Sanjeev Kumar**
An accomplished leader, researcher, and educator with over 16 years of expertise in computer science and engineering, specializing in machine learning, artificial intelligence, and optimization techniques. A proud alumnus of **IIT Bombay** and **IIT Kharagpur**, Dr. Kumar combines academic excellence with a passion for innovation and a proven ability to drive impactful change.

## Highlights

- **Associate Dean, ICFAI Tech School**: Provides strategic vision and leadership, driving the school's growth and fostering academic excellence.
- **Associate Professor of Computer Science & Engineering**: Renowned for guiding students and conducting cutting-edge research, earning the **Best Teacher Award (2019)** for engaging and impactful teaching.
- **Visionary Curriculum Developer**: Designed and upgraded programs such as B.Tech. CSE (AI), BCA, and B.Sc. Data Science to align with industry trends and standards.
- **Award-winning Researcher**: Holds **3 patents** and has published **15 scholarly articles** in prestigious journals like *Archives of Computational Methods in Engineering*, *International Journal of Operational Research*, and *IEEE Access*. Key research contributions include early gastrointestinal cancer detection, innovative vehicle recommendation systems, and more.
- **Dedicated Mentor**: Supervises **3 Ph.D. scholars** and has mentored ICFAI Tech School students to excel, including winning **national-level hackathons** and presenting papers at international conferences.
- **Student Development Advocate**: Guided students to publish research articles in top journals, contributing to their professional growth and academic success.

## Achievements

1. **Invited Judge – CBSE Skill Expo & Career Guidance (Dec 2024)**
   - Evaluated innovative projects from schools across North India in areas such as drone technology, healthcare, sustainability, AI, and banking.
2. **Chief Guest – Technology Conclave V2.0, The Doon School (May 2024)**
   - Delivered a technical talk on **Generative AI and Emerging Trends** to students from 11 schools.
3. **Hackathon Mentorship Award (Jan 2024)**
   - Recognized for mentoring the winning team of **KubeCentrix** at the **Rajasthan Police Hackathon 1.0**.

4. **Best Researcher Award (2023)**
   - o  Honored for exceptional research contributions at ICFAI Tech School, Dehradun, during the academic year 2022–23.
5. **Outstanding Leadership Award (2019-20)**
   - o  Awarded for exemplary leadership in coordinating and supervising a team of over 100 admissions members, ensuring seamless workflow.
6. **Best Teacher Award (2019)**
   - o  Recognized for outstanding contributions to education and student mentorship at ICFAI Tech School.

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## Research Interests

- Recommender systems, Healthcare
- Artificial intelligence and Machine learning
- Combinatorial optimization and metaheuristics algorithms
- Operations research: scheduling techniques
- Programming expertise: C, C++, Python, C#, Java, and .NET Technologies

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Dr. Sanjeev Kumar is a dynamic leader, award-winning researcher, and dedicated educator committed to fostering innovation and excellence in computer science and engineering. His contributions in academics, research, and mentorship have inspired students and advanced knowledge in emerging technologies. An ideal candidate for roles in research, academics, or industry, Dr. Kumar's expertise empowers students to achieve exceptional results and prepares them to be future leaders in technology.