

# EDITORIAL BOARD MEMBER PROFILE

## **Name:**

Dr. Khushboo Bansal

## **Designation:**

Deputy Director & Researcher in Artificial Intelligence  
Desh Bhagat University, Mandi Gobindgarh, Punjab, India  
Email: erkhushboo1985@gmail.com

Nationality: Indian

## **Academic Qualification (Highest):**

Ph.D. in Computer Science & Engineering – Desh Bhagat University

## **Professional Summary:**

Dr. Khushboo Bansal is an accomplished academician, researcher and technology leader with over 14 years of experience in Artificial Intelligence, Machine Learning, Deep Learning and Health Informatics. She has led major DST and ICSSR-funded research projects, supervised doctoral scholars, published extensively in SCI/Scopus journals and contributed to innovation ecosystems through patents, conferences and university-level technology initiatives.

## **Research Grants & Patents:**

- DST SEED Grant: Rs. 19,96,170 – Women Technology Park Project
- ICSSR IMPRESS Grant: Rs. 12,00,000 – Health Impact of Stubble Burning Study
- Patent: Multi-Level Irrigation System (2021)

## **Professional Experience:**

- Deputy Director, Faculty of Engineering Technology & Computing (2024–Present)
- Assistant Director (2022–2024)
- Head, CSE Department (2015)
- Guiding 5 Ph.D. scholars and 25 M.Tech scholars
- Coordinator: SWAYAM, Saylor Academy, NAAC Criterion 2
- Organized Hackathons, TechFests, Conferences & Accreditation Inspections

## **Research Publications:**

- 36+ journal publications (IEEE, Springer, SCI, Scopus)
- 11 international conference papers (IEEE and Global Conferences)
- Research areas include Deep Learning for Brain Tumor Diagnosis, Oral Cancer Detection, Mental Health Analytics, WSN Optimization and Sentiment Analysis.

## **Book Chapters:**

- 3 book chapters published with Springer, CRC Press and Shivani Book Agency

## **Awards & Achievements:**

- Certificate of Appreciation – Govt. of Punjab (2025)
- Best Teacher Award – Desh Bhagat University (2019–20)
- Research Paper Award – DBU (2021–22)
- Recognitions by Cyber Hawkz Intelligence Services & TechLive Intelligence, Mohali