

Research Scholar(Ph.D.)
Department of Computer Science & Engineering,
PDPM Indian Institute of Information Technology,
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Abhishek Kumar Chouhan

Areas of Interest:

Research Interest Areas

Deep Learning, Feature Selection, Retinal image segmentation and classification, Deep Learning-Based Solutions for Biomedical Engineering

Education

- 2023–present **PhD, Computer Science & Engineering**, PDPM Indian Institute of Information Technology, Design & Manufacturing, Jabalpur, Madhya Pradesh.
Thesis title:- Image segmentation and classification for eye disease detection using deep learning techniques
CPI : 8.7/10
- 2021–2023 : **Master of Technology, Artificial Intelligence**, PDPM Indian Institute of Information Technology, Design & Manufacturing, Jabalpur, Madhya Pradesh.
CPI : 8.0/10
- 2012–2016 : **Bachelor of Engineering, Computer Science and Engineering**, GGITS, Jabalpur, Madhya Pradesh.
CPI : 7.3/10

Publications

Conferences

1. **Abhishek Kumar Chouhan**, Bhagvan Krishna Gupta, and Durgesh Singh. “Study of different backbone networks with squeeze and excitation block and custom classifier for multi-stage glaucoma detection”. In: **10th International Conference on Computer Vision & Image Processing**. Under Review. Springer, 2025

Fellowships & Awards

- 2023–present Received Junior research fellowship from PDPM IIITDM Jabalpur
- 2021–2023 Received **MHRD Scholarship** for Master of Technology.

Academic Achievements & Recognitions

- 2023 Qulified in GATE 2023, GATE 2021, GATE 2019, and GATE 2017.
- 2022 1st Runnerup at **HARDWAR Hackathon** 1.0, UPES, Dehradun.

Personal Detail

- Date of Birth: June, 7, 1993
- Nationality: Indian
- Sex: Male

Marital Single

Status:

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I hereby declare that the information furnished as above is true to the best of my knowledge and belief. -**Abhishek Kumar Chouhan**