

PRIYANKA

V.P.O. Nagwain, Teh. Aut, District Mandi (HP) – 175121
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Teaching Experience

Guest Faculty, UIET, Panjab University *2023 – Present*
Courses: Digital Image Processing, Modeling & Simulation, Mobile Wireless Networks & VOIP Security

Lecturer, MIT, Hamirpur *2018 – 2019*
Courses: Advanced Data Structures, Data Warehousing

Academic Credentials

Degree	Institution	Year	Specialization
Ph.D. (Pursuing)	UIET, Panjab University	Ongoing	Computer Science & Engineering
M.Tech	H.P. University, Shimla	2020	Computer Science
B.Tech	HPTU, Hamirpur	2017	Computer Science & Engineering
Diploma	HP Takniki Shiksha Board	2014	Computer Engineering
10th	Govt. Sr. Sec. School, HPBOSE Dharamshala	2011	Science, IT, Mathematics

Research & Publications

- “Implementation of Ensemble-Based Prediction Model for Detecting Sybil Accounts in OSNs” – Springer, Advances in Intelligent Systems and Computing, ICICC – Singapore [SCOPUS Indexed]
- “Implementation of SimpleRNN and LSTM-based Prediction Models for COVID-19” – ICCRDA-2020, IOP: Material Science & Engineering [SCOPUS Indexed]
- “Automatic Annotation of IOPA Dental Radiographs for Detecting Furcation Radiolucency Using SAM” – CHASCON 2024

Conferences, Workshops & Certifications

- ICICC-2020, University of Delhi
- ICCRDA-2020
- IEEE ISPCC-2019, JUIT Solan
- IPR Workshop, HPU Shimla (2019)
- Cyber Security Workshop, Harkash Technologies (2015)
- Project Training: PHP (HCL, 2014), Java (Infowiz, 2015), Java + MySQL (Global Infotech, 2016)

Thesis & Academic Projects

Ph.D Thesis:

“Detection and Classification of Furcation Radiolucency in Dental Radiographs using Artificial Intelligence Techniques” an ICMR based Project.

M.Tech Thesis:

“Performance Analysis of Prediction Models Based on Various Machine Learning and Deep Learning Techniques.”

Select B.Tech Projects:

- Online Feedback System (WordPress, WAMP)
- Lost & Found Portal (WordPress, WAMP)
- Railway Reservation System (Java, WAMP)

Honors & Recognition

- Best Research Presentation Award, CHASCON 2024
- 2nd Rank, Panjab University Ph.D. Entrance Examination
- Gold Medalist, M.Tech – Himachal Pradesh University
- Silver Medalist, B.Tech – HPTU Hamirpur
- Gold Medalist, B.Tech – Himotkarsh Parishad NGO, Una (HP)
- Black Belt, Jundo-Kan-Gojurio Karate Federation of India
- Best Coordinator – LAN Gaming, Tech Fest
- Recipient of National Scholarship Scheme (Class 8 to 10)

Technical Proficiency

Languages: Python, Java, PHP

Web/DB: WordPress, MySQL, WAMP

Tools/Frameworks: MATLAB, TensorFlow, SAM

Research Areas: AI, Deep Learning, Image Processing, Network Security

Interest Areas

Problem Solving, Research, Reading Journals, Karate, Mentoring, Rubik’s Cube Solving, Technology Trends

Declaration

I hereby affirm that the information provided above is accurate and authentic to the best of my knowledge.

Date:

Place:

Signature

Priyanka