

## **Dr. Priti Jagwani**

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### **Career Objective:**

To be an intrinsic part of the team in the institute, where my experience and knowledge can play and invaluable role towards the growth of institute and secure a position of honour and excellence within a stable environment that will lead to a lasting relationship in the field of science and technology.

### **Education:**

- **PhD (IIT Delhi)** (Research Area: Privacy in Location Based Services).
- **M.Tech(Computer Applications)** , From **IIT Delhi** with 8.0 CGPA on a scale of 10.
- **M.Sc (CS)**- From MCRPV (M.P.) with 84.4%.
- **M.A. In Sindhi Language and Literature (in 2020, from MDS University, Ajmer)**
- **B.Sc (CA)** From Barkatullah University (M.P.) With 76.2%.

### **Other Qualifications:**

- 2007- **MCA** from MDU Rohtak.
- 2006 - Qualified **UGC NET** Exam in Computer Science and Applications.
- 2003 - **PGDCA** (76.2%) from MCRPV Bhopal(MP).
- 2001- **Diploma In Web Designing** from ISCT.
- 2001- **DOEACC 'A'** Level Certification.

### **Work Experience:**

- Nov 2023- till date at Aryabhata College, University of Delhi as Associate Professor
- July 2008 – Oct 2023 at Aryabhata College (formerly known as RLA(E)) University of Delhi as Assistant Professor
- August 2006-March 2008 at EBusinessware Inc. Pvt. Ltd. Gurgaon as Technical Trainer
- July 2000 to September 2004 at Bhartiya College of Professional Studies (Ujjain) as computer lecturer.

**Area of Interests:** Location Based Services, Security and Privacy in LBS, Context Aware Computing, Blockchain, Operating System Concepts.

### **Projects undertaken:**

- Research Centre funded by Indian Knowledge Systems (IKS), MoE, for Indian mathematics and Astronomy.
- A Project titled as Investigator: A Machine Learning Framework for Financial Fraud Forecasting, funded by ICSSR
- A Project titled as “ Analytical Study of TLC courses: A rural Perspective”, funded by MGNCRE , MoE.
- “Towards Real time monitoring of malnutrition using mobile computing”, a project funded by DU under innovation projects 2015-16.

### **Research Papers & Articles:**

#### **A. Journal Publications**

- P. Jagwani, Tripathi A.P., Kumar Manoj, (2024). Forecasting Financial Fraud Through Machine Learning : A Study of Indian Perspective. Third Concept an International Journal of Ideas. **(UGC- CARE)**.
- Singh, A. K., Tripathi, A. P., Jagwani, P., & Agrawal, N. (2024). Covid-19 Vaccination: An Attitude Analysis of Global Users of Social Media Towards Government Communication. Indian Journal of Public Administration, 70(2), 318-331. <https://doi.org/10.1177/00195561231221805> **(UGC- CARE)**
- Priti Jagwani, V.B. Singh, Noopur Agrawal, Aditya Tripathi (2023). Blockchain technology and software engineering practices: a systematic review of literature using topic modelling approach. International Journal of System Assurance Engineering and Management Vol. 14, 1–17 , Springer, **ESCI, Scopus Indexed**
- Noopur Agrawal, Aditya P. Tripathi, & Priti Jagwani (2022). Identifying Factors Influencing E-WOM on Social Networking Sites: A Study of Users' Responses on Twitter. International Journal of Open Source Software and Processes (IJOSSP), 13(1), 1-22, IGI Global **Scopus Indexed**
- Atishay Sharma, Bhawna Shukla, Shivam Arora, Dr. Priti Jagwani, Dr. Aditya P Tripathi (2021) VaultVote: A Ray of Hope for Transforming the Voting System of India. Turkish Online Journal of Qualitative Inquiry (TOJQI) Vol 12, Issue 6, 2021 393-406. Science Research Society. **Scopus Indexed**
- Jagwani, Priti, and Saroj Kaushik. "Entropy-Based Quantification of Privacy Attained Through User Profile Similarity." International Journal of Information Security and Privacy (IJISP) 15.3 (2021): 19-32. **ESCI, scopus Indexed**
- Jagwani, Priti, Saroj kaushik. (2020). Soft Computing for Scalability in Context Aware Location based Services. International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 11, No. 4, 2020 The Science and Information (SAI) Organization Publishers UK **ESCI, Scopus indexed.**
- Manoj Kumar, Priti Jagwani.”Internet of things: measuring vulnerability and invincibility”. An International Journal of Commerce & Management , Vol 6, 2019, 45-52, ISSN 2394-0484

- Priti Jagwani, Saroj Kaushik , "Trajectory anonymisation based on graph split using EMD." International Journal of Computational Science and Engineering 14, no. 3 (2017): 290-298. Inderscience ISSN: 17427193, 17427185. (UGC Reference List No. – 2764) . **ESCI, Scopus indexed**
- Priti Jagwani. Manoj Kumar, “National ID : A proof of identity or Privacy Ghost” . Aspirare, An International Journal of Commerce & Management , Vol 4, 2017, 54- 62, ISSN 2394-0484
- Priti Jagwani, Saroj Kaushik “Secure Cloaking area based on user profile similarity”, International Journal of Engineering and Technology, Vol. 8, No. 6, December 2016. p.no 458-461. ISSN: 1793-8236 **Scopus indexed**
- Priti Jagwani . “Analyzing instant messaging applications for threats “Aspirare, An International Journal of Commerce & Management, Vol 2, 2015, 101 , ISSN 2394-0484
- Priti Jagwani, Gagandeep Sharma, 2015, Georeferencing and Digitization of Walkways: A GIS Case Study, International Journal of Engineering Research & Technology (IJERT) Volume 04, Issue 05 (May 2015), <http://dx.doi.org/10.17577/IJERTV4IS051167>
- Priti Jagwani; Ranjan Kumar; Gagandeep Sharma “Security Issues in Mobile Apps”, vol 4, issue 3, (June-2015), International Journal of Computer Science and Network (IJCSN), ISSN 2277-5420. P.No 489-491
- Priti Jagwani, Ranjan Kumar “Taxonomy of Dummy Generation Techniques for Preserving Location Privacy”, Vol 2 – Issue 6 (November – 2013) , International Journal of Computer Science and Networks , ISSN 2277-5420, p no. 174-178
- Priti Jagwani, "A Comparative Study of Spatial Cloaking Area Representations for Location Based Queries", Vol.2 - Issue 10 (October - 2013), International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181 , [www.ijert.org](http://www.ijert.org) p.no 3361-3364

## **B. Conference Proceedings**

- Sharma, Yash, Ishant Malik, and Priti Jagwani. "Dual Aspect Sentiment Analysis for Opinion Mining." 2019 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT). **IEEE**, 2019.
- Priti Jagwani, and Manoj Kumar. "IoT Powered Vehicle Tracking System (VTS)." International Conference on Computational Science and Its Applications. **Springer**, Cham, 2018.
- Priti Jagwani, Saroj Kaushik “Privacy in Location Based Services: Protection Strategies, Attack Models and Open Challenges”. 8th iCatse Conference on Information Science and Applications. Macau 20-23 March 2017 . Volume 424. **LNEE** 2017 ISSN 1876-1100
- Priti Jagwani, Saroj Kaushik “K Anonymity Based on Fuzzy Spatio-temporal Context”. IEEE 15th International Conference on Mobile Data Management, **MDM 2014**, Brisbane, Australia, July 14-18, 2014 - Volume 2. IEEE 2014 ISBN: 978-1-4799-5705-7
- Pratibha Jagnere, Priti Jagwani, Jaspreet Bhatia : Internet is Flattening: Changing Face of Internet Architecture, Proceedings of International Conference on Reliability, Infocom Technologies and Optimization (**ICRITO 2013**), Amity University, Noida, Jan 29-30, 2013 ISBN: 978-93-81583-85-2.

- Sunita Tiwari, Saroj Kaushik, Shivendra Tiwari, Priti Jagwani: Location Based Recommender Systems: Architecture, Trends and Research Areas, **ICWCA 2012**, 1-8. E-ISBN :978-1-84919-550-8
- Priti Jagwani, Saroj Kaushik: Defending Location privacy using Zero Knowledge Proof Concept in LBS , **MDM 2012**.368-371. E-ISBN :978-0-7695-4713-8 Print ISBN: 978-1-4673-1796-2
- Priti Jagwani, Shivendra Tiwari, Saroj Kaushik: Using Middleware as a Certifying Authority in LBS Applications. **DNIS 2011**: 242-255 ISBN 978-3-642-25730-8
- Shivendra Tiwari, Saroj Kaushik, Priti Jagwani, Sunita Tiwari: A Survey on LBS: System Architecture, Trends and Broad Research Areas. **DNIS 2011**: 223-241 ISBN 978-3-642-25730-8
- Saroj Kaushik, Shivendra Tiwari, Priti Goplani: Reducing Dependency on Middleware for Pull Based Active Services in LBS Systems. : **ICWCA 2011**, LNICST 72, pp. 90–106, ISBN 978-3-642-29156-2

#### **Workshops, conferences Attended:**

- UGC sponsored National workshop on “A trend towards machine Learning: Techniques and Applications”
- Delivered invited talk as a part of expert lecture series- women in science at DDU college, university of Delhi in September 2017.
- 8<sup>th</sup> iCatse International conference on information science and applications, Macau (2017)
- FYUP training workshop in June 2013.
- FYUP training workshop in July 2013 (**as resource person, delivered invited talks twice**)
- Security and Privacy Symposium at IIT Kanpur in Feb 2012.
- International Conference on Database and Networked Information Systems (DNIS) 2011 at University of Aizu, Japan.

#### **Additional roles and responsibilities:**

- Governing body member of Sindhi Academy, Department of Art, Culture & Languages
- Convener, NIRF (2023-24)
- NAAC Steering Committee convener (2021-2022)

#### **Achievements:**

- Delivered many video lectures (250+) for UGC Consortium of educational communication (CEC)
- Convener National Seminar held at Aryabhatta College in December 2022.
- Received Prof. Indira Parikh 50 Women In Education Leaders award (2019)
- Delivered many talks for enrichment and promotion of Sindhi Language through computers and IT at IGNOU and CDAC Pune.
- Convener National Seminar held at Aryabhatta College (with NCPSL) in February 2016.
- Invited as Resource Person for FYUP training (orientation course).

- First position in college in MSc (CS).
- First position in college in PGDCA.
- Stood Ist in City Merit List in Higher Secondary.
- Stood III in district merit list in High School.
- **Best Student Award** at UPS Ujjain in 1993.

### **Capabilities**

- Zeal to learn new technologies and mastering them.
- Ability to work independently as well as in a team.
- Ability to keep track of and cope up with constant changes.
- Capability to organize, think logically, a good getter, confident, proactive.
- Good communication, presentation and interpersonal skills.
- An out-of- the box thinker.

### **Personal Details:**

**Father's Name:** Mr. Vasudev Goplani.

**Mother's Name:** Mrs. Rekha Goplani.

**Marital Status:** Married.

**Spouse's Name:** Mr. Uttam Jagwani.

**Date of Birth:** March, 17, 1980.

**Correspondence Address:** Flat No. 112, Plot 1A, Celestial Heights, sector 2, Dwarka, New Delhi. 110075

**Permanent Phone:** 011-41861053.

**Nationality:** Indian.

**Passport:** Valid.

### **References:**

1. Prof. (Dr.) Saroj Kaushik  
Retd. , Computer Science & Engg. Dept., IIT Delhi  
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2. Ashok Bhateja  
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**(Priti Jagwani)**