Title	Ms.	First Name	Pratibha	Last Name	Yadav	Photograph

Designation	Assistant Professor
Department	Computer Science
Address (Campus)	Shyama Prasad Mukherji College for Women 57, North Ave, West Punjabi Bagh, Punjabi Bagh, Delhi, 110026

Phone Number(Campus)	011-25224499
Fax	
Email	pratibha.123@spm.du.ac.in
Education	NET Qualified, PhD (Pursuing), MCA, B.Sc.(H) Computer Science

Subject	Institution	Details
PhD (Pursuing)	University of Delhi	Pursuing
MCA	University of Delhi	I Division
B.Sc. (Hons) Computer Science	University of Delhi	I Division

Research Interests/ Specialization

Recommender Systems, Data Mining, Machine Learning

Teaching Experience

10+ Years

Publications:

Chapters in Edited Books:

i. Tyagi, Shweta & **Yadav, Pratibha** & Arora, Moni & Vashisth, Pooja. (2019). Predicting Users' Interest Through ELM-Based Collaborative Filtering. 10.1007/978-981-13-6347-4_3 (Scopus Indexed)

Research Papers in Journals:

i. **Pratibha Yadav** and Shweta Tyagi**,** Hybrid Fuzzy Collaborative Filtering: An Integration of Item-based and User-based Clustering Techniques, Int. J. of Computational Science and Engineering, Inderscience, Vol.15, No.3/4, pp. 295 – 310, 2017. (Scopus Indexed, Impact Factor 2.0)

ii. **Pratibha Yadav**, Shweta Tyagi and Harmeet Kaur, Evolutionary Extreme Learning Machine based Collaborative Filtering, International Journal of Advanced Technology and Engineering Exploration, Vol 10 (104), ISSN (Print): 2394-5443 ISSN (Online): 2394-7454 http://dx.doi.org/10.19101/IJATEE.2022.10100088. (Scopus Indexed)

iii. **Pratibha Yadav,** Jaya Gera, Harmeet Kaur. Enhancing the accuracy of collaborative filtering based recommender system with novel similarity measure, Multimedia Tools and Applications, 27 Oct 2023 and pp. 1-18. https://doi.org/10.1007/s11042-023-17428-w. (Science Citation Index Expanded (SCIE) Impact Factor 3.0)

Research Papers in Conferences:

i. **Pratibha Yadav**, Shweta Tyagi and Harmeet Kaur. Integrating Transitivity in Collaborative Filtering-Based Recommender System," *2023 IEEE 20th India Council International Conference (INDICON)*, Hyderabad, India, 2023, pp. 380-385, doi: 10.1109/INDICON59947.2023.10440810 (Scopus)

Participation in International Conferences/Workshops/FDP:

a. Participated in two-week NEP 2020 Orientation & Sensitization Programme in online mode under Malaviya Mission Teacher Training Programme (MMTTP) of Ministry of Education, Government of India organized by Malaviya Mission Teacher Training Centre, Shri Ram College of Commerce (MMTTC, SRCC) from 5-June-24 to 14-June-24

b. Participated in four-week Faculty Induction Programme held from 02 - 31 December, 2023, organised by Teaching learning Centre, Ramanujan College, University of Delhi, under the Ministry of Education sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) scheme

c. Participated in two-week online Capacity Building Programme on "Data Science" organized during 19th May – 1st June, 2023 under a project on "Empowering Girls to Reduce the Gender Gap in IT and ITES Sectors in South Asia Region: Training and E-Content Development Programme".

d. Participated in One-Week Online National FDP on "Back-end, Front-end Web design & Development and App development using Flutter" University of Delhi and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education during Oct 27, 2022 – Nov 3, 2022.

e. Participated in the workshop on "Workshop/Talk on Managing References Made Easy Using Mendeley" organized by Department of Computer Science, Miranda House, 27 July 2021

f. Participated in five-day online Faculty Development Programme on "Machine learning Essential for every Researcher" organized by Kongu Engineering College, Perundurai, Erode, 6-10 July, 2020

g. Participated in the workshop on "Microsoft Team Training" organized by Shyama Prasad Mukherji College for Women, 28-29 August 2020

h. Participated in Faculty Development Programme National Webinar on "Challenges and Opportunities in Higher Education in India for the 21st Century" jointly organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College and IQAC Hindu College, University of Delhi on May 8, 2020

i. Participated in Faculty Development Programme National Webinar on "e-Content Development Methodology: Four Quadrant Model, OERs and Copyright Issues" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi on May 15, 2020

j. Participated in one week Faculty Development Programme on "Machine Learning and Pedagogy" jointly organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College and Deen Dayal Upadhyaya College,on 11th March 2020

k. Participated in a two-day Faculty Development Programme on "R Programming" at Janki Devi Memorial College, New Delhi on 6-7th Aug 2018.

l. Participated in the workshop on LaTex organized by the Department of Mathematics, Shyama Prasad Mukherji College, University of Delhi on 27th September, 2016.
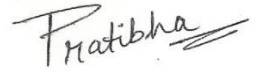
Awards/Recognition:

m. Developed study material/content for B.A. (Programme) course in Department of Distance and Continuing Education under the aegis of Campus of Open Learning/School of Open Learning, University of Delhi

Other Responsibilities:

1. **Member of Website Committee**, **SPMC** in academic year 2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023
2. **Member of Admission Committee**, **SPMC** in academic year 2021-2022, 2022-2023 and 2023-2024
3. **Member of IQAC SSR Team**, **SPMC** since academic year 2018

4. **Appointed as Paper Setter by University of Delhi for many papers** under curriculum of B.Sc. (Hons.) Computer Science time and again
5. **Appointed as External Examiner by University of Delhi for many practical papers** under curriculum of B.Sc. (Hons.) Computer Science time to time

Ms. Pratibha Yadav