Parul Gupta

B.Tech.(CSE), M.Tech. (CE), Ph.D.(CE)

Associate Professor

Department of Computer Engineering

J. C. Bose University of Science and Technology, YMCA

Faridabad, Haryana 121006

INDIA

PERSONAL DETAILS

Name	: Parul Gupta
Date of Birth	: 21st June, 1980
Permanent Address	: House No. 186, First Floor, Sector 19, Faridabad
Phone Number	: 9810588553
e-Mail	: parulgupta_gem@jcboseust.ac.in

PROFESSIONAL QUALIFICATIONS

- **Ph.D. in Computer Engineering from** MDU, Rohtak, July 2013.

- **M.Tech in Computer Engineering** from YMCA University of Science & Technology, 2005.

- **B.E. Computer Science & Engg.**, CITM, Faridabad affiliated to MDU, Rohtak, 2002

EXPERIENCE

19 Years of Teaching & Research experience in the field of Database Systems, Information Retrieval, Machine Learning.

- Currently working as Associate Professor (CE) in J. C. Bose University of Science and Technology, YMCA, Faridabad.
- Worked as Assistant Professor (CE) in YMCA University of Science & Technology, Faridabad for 13years.
- Worked as a Lecturer (CSE) in Career Institute of Technology & Management, Faridabad for 2 years.
- Worked as a Lecturer (CSE) in Apeejay College of Engg. & Technology, Sohna for 2 years.
- Worked as a Lecturer in Aggarwal P.G. College for six months.

THRUST AREAS

- ❏ Database Management Systems
- ❏ Machine Learning
- ❏ Information Retrieval

STUDENTS GUIDED

i)	**M. Tech.**	:	21 (Completed)
ii)	**Ph.D.** (Computer Engineering)	:	2 (In progress)

PUBLICATIONS:

Total Number of Publications	**:**	**34**
a) Research Papers in International Journals	:	17
b) Research Papers in National Journals	:	1
c) Research papers in International conferences	:	14
d) Research papers in National conferences	:	2

LIST OF PUBLICATIONS

1. "Ontology Driven Conjunctive Query Expansion based on Mining User Log" International Conference on Methods and Models in Computer Science (ICM2CS09) held at JNU, Delhi (14th -15th Dec, 2009).

2. "Context Ontology driven Relevant Search using Data Mining Techniques" International Conference on Methods and Models in Computer Science (ICM2CS 2010) held at JNU, Delhi (13th -14th Dec, 2010).

3. Dimple Chehal, Parul Gupta, Payal Gulati, "An Approach to Utilize E-Commerce Product Reviews to Remove Irrelevant Recommendations", IEEE Delhi Section International Conference on Electrical, Electronics and Computer Engineering (DELCON-2022).

4. Gupta Monika, Gupta Parul, "Research and implementation of Event Extraction from Twitter using LDA and Scoring Function", International journal of Information Technology (BVICAM BIJIT)(Springer), e-ISSN: 2511-2112, p-ISSN: 2511-2104, June 2018.

5. D Chehal, P Gupta, P Gulati, A new approach to identify similar users based on customer reviews, IOP Conference Series: Materials Science and Engineering Vol 804 (1), 012047 (May 2020)

6. D Chehal, P Gupta, P Gulati, COVID-19 pandemic lockdown: An emotional health perspective of Indians on Twitter, International Journal of Social Psychiatry (June 2020)

7. Dimple Chehal, Parul Gupta, Payal Dhingra, "Evaluating Annotated Dataset Of Customer Reviews For Aspect Based Sentiment Analysis", Journal of Web Engineering , vol. 21, issue 2, 2021

BOOKS AND BOOK CHAPTERS

Book Chapters

1. Shruti Sharma, Parul Gupta, Sensors and Image Processing, ISBN-978-981-10-6614-6, March 2017
2. Chapter 10,Predicting Chronic Kidney Disease Using Machine Learning, Monika Gupta, Parul Gupta, Emerging Technologies for Healthcare: Internet of Things and Deep Learning Models,https://doi.org/10.1002/9781119792345.ch10, 2021
3. Dimple Chehal, Parul Gupta, Payal Gulati, Rosy Madaan, and Komal Kumar Bhatia. "Stress Detection Using Machine Learning Techniques in IoT Environment." In Smart Healthcare for Sustainable Urban Development, pp. 51-64. IGI Global, 2022.

PROJECTS

1. Member of team who received research grant under DST PURSE, Feb 2023.