Piyush Gupta
B.Tech. (CE), M.Tech. (CSE), Pursuing Ph.D.
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PERSONAL DETAILS

Name	:	Piyush Gupta
Date of Birth	:	26-07-1990
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PROFESSIONAL QUALIFICATIONS

i) **M.Tech.** in Computer Science & Engineering from Department of Computer Science and Applications, Kurukshetra University Kurukshetra (2013-2015).

ii) **B.Tech.** in Computer Engineering from Kurukshetra University Kurukshetra (2008-2012).

EXPERIENCE

7 Years of Teaching & Research experience in the field of Computer Engineering.

i) Presently working as Assistant Professor (from 25.09.2018) in the Department of Computer Engineering, J. C. Bose University of Science and Technology, YMCA, Faridabad.

ii) Worked as Assistant Professor from 16.10.2015 to 24.09.2018 in the University Institute of Engineering & Technology, Kurukshetra University Kurukshetra.

THRUST AREAS

❑ Data Structures and Algorithms
❑ Machine Learning
❑ Big Data Analytics

STUDENTS GUIDED

i) **M. Tech.** : 5 (Completed), 2 (In progress)

PUBLICATIONS:

Total Number of Publications	:	12

a)	Research Papers in International Journals	:	06
b)	Research papers in International conferences	:	05
c)	Research papers in National conferences	:	01

LIST OF PUBLICATIONS

1. **Piyush Gupta**, Ajay Veer Chouhan, Mohammed Abdul Wajeed, Shivam Tiwari, Ankur Singh Bist, and Shiv Charan Puri. "Prediction of health monitoring with deep learning using edge computing." Measurement: Sensors 25 (2023): 100604.

2. **Piyush Gupta**, Pardeep Kumar, and Girdhar Gopal. "Sentiment analysis on hadoop with hadoop streaming." International Journal of Computer Applications 121, no. 11 (2015).

3. Pankaj, **Piyush Gupta** and Vedpal "Prediction of Tumors in Brain MRI Images using Grasshopper Optimization Algorithm with Image Segmentation and Enhancement Approach" Design Engineering.

4. **Piyush Gupta**, Komal Kumar Bhatia, and Neelam Duhan. "An Assessment on Real Time Bidding Strategies for Advertising Markets." In 2022 Fifth International Conference on Computational Intelligence and Communication Technologies (CCICT), pp. 138-145. IEEE, 2022.

5. **Piyush Gupta**, Atul Sharma and Jitender Grover (2016) "Rating based Mechanism to Contrast Abnormal Posts on Movies Reviews using MapReduce Paradigm", International Conference on Reliability, Infocom Technologies and Optimization(ICRTIO) IEEE. Pp-278-281.

BOOK CHAPTERS

1. Tanisha Gupta, Piyush Gupta, Ved Pal, and Komal Kumar Bhatia. "Breast Cancer Detection Using Different Classification and Ensemble Methods." In Smart Healthcare for Sustainable Urban Development, pp. 28-50. IGI Global, 2022.

PATENTS AND GRANTS

1. System for Crop Health Assessment and Monitoring with Incorporating Weather Forecasting Data using Artificial Intelligence and Machine Learning. (2021, Oct. 29). Indian Patent: 202111048073 [online].

2. Detect Malware in Cyber Security by using Machine Learning and Artificial Intelligence. (2022, Aug. 26). Indian Patent: 202211046452 [Online].