DR. ASHLESHA GUPTA

Contact Info

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Personal Particulars

Age	: 42 years	**Date of Birth** : 15 July 1982	
Nationality	: India	**Gender:** Female	

Academic Qualification

- PhD in Computer Engineering department in the domain of Internet Technologies from J.C Bose University of Science & Technology, YMCA Faridabad, Haryana in July 2019.
- M.E. in Computer Engineering from Career Institute of Science & Technology, Faridabad, Haryana in 2008.
- B.E. in Information Technology from Lingayas Institute of Science and Technology Faridabad, Haryana in 2004.

Professional Experience
Total Experience: 20 years

- Worked as a Lecturer (IT) in Career Institute of Science & Technology(formely Manav Rachna International University),Faridabad for 3.5 years.
- Currently working as Associate Professor (CE) in the Department of Computer Engineering of J.C Bose University of Science & Technology, Faridabad from 10/09/2008

Current duties

- Member of Career and Counselling cell of the University.
- Member of Institution's Innovation Council.
- Faculty Coordinator of ANANYA, The Unparalleled Literary Club of the University.
- Faculty Coordinator of Start-up Cell of the University.
- Guiding one PhD Scholar in the field of Blockchain.
- Mentoring M.Tech and B.Tech Students in their projects.

Publication/ Research Work

Publication in International Journals

1. Ashlesha Gupta, Manvi, Amita, " An AHP Based Server Selection Scheme for Migrating Crawler", Turkish Journal of Computer and Mathematics Education", Vol 12 No. 7 , 2021, pp 221-228. (WEB OF SCIENCE)

2. Divya Dagar, Rashmi Popli, Ashlesha Gupta, " E-Transaction Security", Gradevia Review Journal, Volume 7 , Issue 6, pp 86-97, 2021.(SCOPUS)

3. Ashlesha Gupta, Manvi, "Perspective Term Based Incremental Migrating Crawler", International Journal of Grid and Distributed Computing, Vol 13 No. 2, 2020, 1768-1787. (ESCI)

4. Ashlesha Gupta, Manvi, " Collating Various Machines Learning Techniques in Credit Card Fraud Detection", International Journal of Advanced Science and Technology",Vol 29 No. 3, 2020, pp 15546-15556. (SCOPUS)

5. Ashlesha Gupta, Ashutosh Dixit, " A novel user trend-based priority assigner and URL Scheduler for Dynamic Incremental crawling", Concurrency and Computation: :Practice and Experience, pp1-14, July 2021.

6. Ashlesha Gupta, Ashutosh Dixit. A.K. Sharma," A Novel Credibility Based Security Mechanism for Migrating Crawlers", International Journal of Advanced in Management, Technology and Engineering Sciences",Volume 8,Issue-II, Feb-2018,ISSN:2249-7455.(UGC Approved).

7. Ashlesha Gupta, Ashutosh Dixit. A.K. Sharma,"A Novel Two-Phase Page Feature and Kth Keyphrase Fingerprint based Duplicate detection technique", International Journal of Advanced Research in Computer Science", Volume 9,Issue-1 , Feb-2018,ISSN:0976-5697.(UGC Approved).

8. Ashlesha Gupta, Ashutosh Dixit, A.K.Sharma,"An Efficient User Preference and Page Relevance based Page Ranking Algorithm", Volume 10(37), Indian journal of Science and Technology, ISSN (Print) : 0974-6846,ISSN (Online) : 0974-5645 , October 2017(Web of Science)

9. Ashlesha Gupta, Ashutosh Dixit, Taruna Kumari ," A Novel Link and Prospective Term Based Page Ranking Technique, Volume 27,International Journal of Engineering Trends and Technology, September-2015, ISSN:2231-5381, pp.292-299.

10. Ashlesha Gupta, Ashutosh Dixit and A.K. Sharma, "Recent Trends In Effective Design Of Search Engines" Volume 4, Special Issue(1) , Journal of Network communications and Emerging Technologies , September- 2015, ISSN:2395-5317.

11. Pooja Devi, Ashlesha Gupta, Ashutosh Dixit, "Comparative Study of HITS and PageRank Link Based Ranking Algorithms", International Journal of Advanced Research in Computer and Communication Engineering" , Vol-3,Issue 2, Feb-2014. ISSN: 2278-1021.

12. Taruna Kumari, Ashlesha Gupta, Ashutosh Dixit, "Comparative Study PageRank and Weighted Page Rank Algorithm" , International Journal of Innovative Research in Computer and Communication Engineering" , Vol-2,Issue 2, Feb-2014 ISSN:2320-9801.

13. Shivani Sharma, Ashlesha Gupta, "**A Novel Approach for Aspect Based Sentiment Analysis on Microblogs", I**nternational Journal of Research and Analytical Reviews, Volume 6, Issue 2, pp-73-83, May 2019

14. Anamika, Ashlesha Gupta "A Novel Approach For Enhancing Sentiment Classification Accuracy of Product Reviews", **I**nternational Journal of Research and Analytical Reviews, Volume 6, Issue 2, pp-577-587, June 2019

15. Shivani Mangla, Anamika Singh, Ashlesha Gupta "A Comparison between Various sentiment Classification Techniques", Journal of Emerging Technologies and Innovative Research, Volume 5, Issue 12, 2349-5162, pp-58-63, December 2018.

16. Pushpa, Ashlesha Gupta, " Inductive Opinion Mining using Enhanced Searching Mechanism on Unstructured Data", **I**nternational Journal of Research and Analytical Reviews, Volume 6, Issue 2, 2019, pp 27-33.

17. Web-Based News Straining and Summarization Using Machine Learning Enabled Communication Techniques for Large-Scale 5G Networks, Hindawi Wireless Communications and Mobile Computing Volume 2022, Article ID 3792816, https://doi.org/10.1155/2022/3792816

18. Singh, R., Gupta, A. & Mittal, P. Insights into research on blockchain for smart contracts: a bibliometric analysis. *Multimed Tools Appl* (2024). https://doi.org/10.1007/s11042-024-20164-4

19. A systematic Literature Review on Blockchain-based Smart Contracts: PPLatforms, Applications and Challenges; Distributed Ledger Technologies: Research and Practice, 19th November 2024 (http://doi-org/10.1145/3704741)

Publication in International Conferences

1. Poonam Mittal, Ashlesha Gupta, "Face Mask Detection: An Application of Artificial Intelligence, EAI International Conference on Intelligent Systems and Machine Learning December 16-17, 2022 Hyderabad, India.(Scopus Indexed)

2. Ashlesha Gupta, Ashutosh Dixit and A.K. Sharma, "A Novel Web Page Change Detection Technique For Migrating Crawlers", 50th Golden jubilee international annual convention of Computer Society of India (CSI-2015) theme Digital Life, organised by BVICAM New Delhi, 2nd to 5th December 2015. Conference proceedings published by **Springer**.

3. Ashlesha Gupta, Ashutosh Dixit, Pooja Devi, "A novel user preference and feedback based Page Ranking technique", **IEEE** 2nd International Conference on Computing for Sustainable Global Development (INDIACom), 2015, Organised by BVICAM New Delhi. Mar, 11-13 2015, pp 1335- 1340. Print ISBN: 978-9-3805-4415-1**(Scopus Indexed)**

4. Ashlesha Gupta, Ashutosh Dixit, A.K. Sharma, "A Novel Statistical and Linguistic Feature Based Technique for Keyword Extraction", **IEEE** International Conference ISCON 2014, at GLA University, Mathura. Mar 01-02, 2014. **(Scopus Indexed)**

5. Ashlesha Gupta, Ashutosh Dixit and A. K. Sharma, "Relevant Document Crawling with Usage Pattern and Domain Profile Based Page Ranking" In the proceedings of **IEEE** International Conference on Internal Conference on Information Systems & Computer Networks (ISCON 2013) March 9-10, 2013 Organized by GLA University Mathura, India ISBN: 978-1-4673-5987-0. **(Scopus Indexed)**

6. Ashutosh Dixit, Ashlesha Gupta and A. K. Sharma "Prospective Terms Based Architecture for Migrating Crawler" In the proceedings of 4th **IEEE** International Conference on Computational Intelligence and Communication Networks (CICN-2012) Nov 03-05, 2012 Organized by MIR Labs Gwalior at GLA University Mathura, India. pp 915 – 919 ISBN: 978-1-4673-2981-1. **(Scopus Indexed)**

7. Ashutosh Dixit, A.K. Sharma, Ashlesha Gupat " Prospective Term based Mathematical model for Page Ranking", ACM International Conference and workshop on Emerging Trends in Technology, ICWET 2012, Feb 24-25, 2012 TCET Kandawali (E) ,Mumbai

8. Ashlesha Gupta, Poonam Mittal, "Emotional AI and its use in developing student concentration for online teaching", International Conference on Recent Advancements in Communication, Computing and Artificial Intelligense, Oct 12-13, 2023, Mohali.

9. Poonam Mittal, Ashlesha Gupta, "Face Mask Detection: An Application of Artificial Intelligence, EAI International Conference on Intelligent Systems and Machine Learning December 16-17, 2022 Hyderabad, India.(Scopus Indexed)

10. DECODING BLOCKCHAIN: A COMPREHENSIVE STUDY OF FUNDAMENTALS AND APPLICATIONS, International Conference on Digital Industry and Engineering Application, 3rd-5th October, 2023

11. Singh, Renu, Ashlesha Gupta, and Poonam Mittal. "A Deep Dive into Smart Contracts and Their Emerging Applications." *International Conference on Intelligent Vision and Computing*. Cham: Springer Nature Switzerland, 2023. Detecting Vulnerabilities in Smart Contracts using Deep Learning

Publication in National Conference

1. Shefali Singla, Ashlesha Gupta, Ashutosh Dixit, " Migrating Web Crawler: A Review", National Conference on Role of Science and Technology Towards 'Make in India' organized by YMCA University of Science & Technology Faridabad, 5th-7th March, 2016.

2. Aarif, Deepika Punj and Ashlesha Gupta, " Document Clustering Techniques- A Review" presented in National Conference on Advances in Mathmatics and Computing (AMC-2017) on 1st-2nd May 2017 at YMCAUST, Faridabad.

3. Ashlesha Gupta, Ashutosh Dixit, "Issues and Challenges in Effective Design of Search Engine", Presented in the National Conference on Science in Media (SIM 2012) at YMCA University of Sc. & Tech. Faridabad Dec 3-4, 2012. Indexed on International Journal of Multidisciplinary Research Studies, Dec 2012

4. Singh, Renu, Ashlesha Gupta, and Poonam Mittal, " **Detecting Vulnerabilities in Smart Contracts using Deep Learning",** RASTS 2024