



**Dr. Ashlesha Gupta**  
B.Tech.(IT), M.Tech. (CE), Ph.D.(CE)  
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## PERSONAL DETAILS

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Name : Dr. Ashlesha Gupta  
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## PROFESSIONAL QUALIFICATIONS

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- i) **Ph.D.** in Computer Engineering from J.C Bose University of Science & Technology (2019).
- ii) **M.Tech** in Computer Engineering from Maharashi Dayanand University (2008).
- iii) **B.Tech.** in Computer Engineering from Maharashi Dayanand University (2004).

## EXPERIENCE

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**16 Years** of Teaching & Research experience in the field of Information Retrieval, Computer Networks, Mobile Networks and Blockchain Technology.

- i) Presently working as Associate Professor (from 10.09.2008) in the Department of Computer Engineering, J. C. Bose University of Science and Technology, YMCA, Faridabad.
- ii) Worked as Lecture from 13.01.2005 to 09.10.2008 in Career Institute of Technology & Management , Faridabad

## THRUST AREAS

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- Information Retrieval
- Mobile Networks

- ❑ Block-chain Technology

## **STUDENTS GUIDED**

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- i) **M. Tech.** : 15 (Completed), 01 (In progress)
- ii) **Ph.D.** (Computer Engineering) : 01 (In progress)

## **PUBLICATIONS:**

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<b>Total Number of Publications</b>	<b>:</b>	<b>27</b>
a) Research Papers in International Journals	:	17
b) Research Papers in National Journals	:	NIL
c) Research papers in International conferences	:	07
d) Research papers in National conferences	:	03

## **PATENTS AND GRANTS**

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- ❑ Granted : System and Method for Automatic Language Detection for Handwritten Text- Patent Number – 2021101278
- ❑ Published : System for Detecting Face Mask for Controlling Covid Spreading using IoT and Artificial Intelligence.

## **LIST OF PUBLICATIONS**

1. 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>
2. 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)
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. 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.
5. 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.
  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.