

## **Dr. Nidhi Tyagi ( Information Technology )**

### **Specialization**

**M.Tech:** Information Retrieval System

**Ph.D:** Information Retrieval System

**Other:** GATE Qualified

### **Area of Interest**

**Research:** Big Data, Data Mining, Information Retrieval.

**Technology Development:** Data Analytics

**Technology Transfer:** Big Data, IOT

### **Participated - In Specialized Training / Certified Courses:**

1. Adobe Analytics Training from 19 August, 2019.
2. Adobe Analytics Training from 6-8, April, 2018.
3. Short Term Course on Research Methodology through ICT, 28 Dec , 2015 to 8 Jan, 2016
4. Short Term Course on Open Source Technologies through ICT, 29 Aug – 2 Sept, 2016
5. IBM CE- Enhancement Program- Foundation in Descriptive Analysis using Cognos BI, 17 – 20 Nov, 2015
6. IBM CE- Enhancement Program- Big Data Analytics using Infosphere BigInsights , 8 -11 December, 2015
7. IBM CE- Enhancement Program – Big Data Programming, December,2015

**Publication - Books / Chapters / Papers / Articles / Blogs:** Books: 1. Web Information Retrieval: Contextual Information Using Ontology, LAP LAMBERT Academic Publishing (August 14, 2019), ISBN-13: 978-6200275462  
2. Information Retrieval System-Domain Specific Parallel Crawler, Publisher: VDM Verlag Dr. Müller (August 24, 2011), ISBN-13: 978-3639377798

Articles: 1. • Machine Learning Technology and It's Support in Present Scenario, News Paper - News First Today, 21August,2019,Meerut.  
2. Web Analytics – Can Grow Your Business Faster!!, News Paper - News First Today, March, ,2020,Meerut.

Research Publications:

Journals

[1] Ashutosh Dixit & Nidhi Tyagi, "Mapreduce: Simplified Data Processing on Clusters with Privacy Preserving By using Anonymization Techniques", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-6, March 2020 (SCOPUS)

[2] Ashutosh Dixit & Nidhi Tyagi, " Big Data Privacy for End to End Delivery", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2S8, August, 2019.

(SCOPUS)

[3] Preeti Rani & Nidhi Tyagi, "Minimization of Association Rules Using Hybrid Algorithm", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7 Issue-6C, April 2019. (SCOPUS)

[4] Shweta Goyal , Tripti Jain & Nidhi Tyagi, "Artificial Neural Network: A Review and its Application in Managing Water Quality Control", International Journal of Science &Engineering Development and Research, Volume 3, Session 6, June 2018.

[5] Huma Siddiqui & Nidhi Tyagi, "A Novel Technique for URL Sorting and Indexing", International Journal of Computational Engineering Research, Volume 8, Issue 5, May 2018.

[6]Aishwarya Deep Rastogi, AakarshitAgarwal, Ajay Pratap Singh Tomar, Chirag Goyal & Nidhi Tyagi, " Identification of User's Behaviour on Web", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 7, Issue 4, pp:24-26 April 2017.

[7] Vanisha Mavi & Nidhi Tyagi, "Hadoop's Second Generation –YARN", International Journal of Contemporary Research in Engineering & Technology, Volume7, Issue 1, ISSN: 2250-0510, 2017.

[8] Risha Tabassum & Dr. Nidhi Tyagi, "Hadoop Identity Authentication using Public Private Key Concept", International Journal of Engineering Trends and Technology, Volume-45, Number-9 -March 2017.

[9] Vanisha Mavi & Nidhi Tyagi, " Data Compression Technique On Hadoop's Next Generation: Yarn", International Journal of Scientific Progress and Research, Issue 92, Volume 33, Number 01, 2017.

[10] Beenish Siddiqui & Nidhi Tyagi, "A Survey on Web Personalization Approaches", International Research Journal of Engineering and Technology", Volume 3, Issue 9, September 2016.

[11] Nitin Saren & Nidhi Tyagi, "Big Data- A Review for problem Recognition", International Journal of Contemporary Research in Engineering & Technology, Volume 6, Issue 1 ISSN: 2250-0510, 2016.

[12] Risha Tabassum & Dr. Nidhi Tyagi, "Issues and Approaches for Big Data Security", International Journal of Latest Technology in Engineering, Management & Applied Science, Volume V, Issue VII, July 2016.

[13] Huma Siddiqui & Nidhi Tyagi, "Web Documents Indexing Techniques- A Review", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 6, Issue 8, pp:397-400, August 2016.

[14] Gupta, Palak & Tyagi, Nidhi, "Digital security implementation in big data using Hadoop", International Journal of Research Studies in Computing, Volume 5 Number 1, 3-9, April, 2016.