***RESUME***

***MADHURI GUPTA***

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| **Objective** |

To be a part of an organization, where I can enhance myself, my technical skills and add value to the organization on the professional front as well as opportunities for my Career advancement.

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| **Academic Qualification** |

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| **QUALIFICATION** | **BOARD/UNIVERSITY** | **YEAR OF PASSING** | **PERCENTAGE** |
| Ph.D. (CSE) | **Jaypee Institute of Information Technology, Noida** | Pursuing (Enrolled in June, 2016)  Domain: Big Data Analytics & Machine Learning | |
| M.Tech (CSE) | Banasthali Vidyapith, Jaipur | 2016 | 74.89% |
| B. Tech (IT) | Uttar Pradesh Technical University, Lucknow | 2013 | 73% |
| XII | UP BOARD | 2009 | 61% |
| X | UP BOARD | 2007 | 78% |

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| **Technical Competence** |

**Training**

* Successfully completed M.Tech Training from ‘Central Scientific Instruments Organization-CSIR, Chandigarh’ on the project ‘Victim Detection System Using Multimodal Imagery’ (1 Year).
* Internship on ‘Web Development’ at ‘CSIR-Central Building Research Institute-CSIR, Roorkee’ (45 days)

**Computer Literacy**

* **Languages:** Python, R**,** MATLAB, C, Html & CSS.
* **Operating System:** Linux, Windows 7 ultimate & Windows XP.
* **Databases:** SQL Server 2008, My SQL, MS Access.
* **Tools:** ApacheSPARK, TensorFlow, Anaconda, RStudio, Eclipse, MATLAB And Visual Studio 2010.

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| **Academic Achievements And Activities** |

1. Best Poster Award in ‘Symposium on Optics and Photonics based Technologies & Instruments for Civil Society (OPTICS)-2016’ held in CSIO-CSIR, Chandigarh.

2. Awarded as the Best Student in the school.

3. Awarded as the Topper of the school in 10th standard.

4. Coordinator of Cybernetics-Hub in college.

5. Member of ‘Khushiyan-Connecting Helping Hands’ NGO.

**Research Articles**

1. Gupta, M & Gupta, “Survey of Breast Cancer Detection Using Machine Learning Techniques in Big Data”, in *Proceedings of* *International Conference on Information Systems and Management, 2018,* PP. 20-21. (Presented at University of Malta, Msida, on 22-23 February, 2018.)

[Post Conference, extended version of paper is accepted in Journal of Cases on Information Technology]

1. Gupta, M & Gupta, “Survey of Breast Cancer Detection *Proceedings* Using Machine Learning Techniques in Big Data,” Journal of Cases on Information Technology, vol. 21, 2018.

(Indexing: Web of Science Emerging Sources Citation Index (ESCI), SCOPUS, Compendex (Elsevier Engineering Index), INSPEC, ACM Digital Library, etc.)

1. Gupta, M & Gupta, 'A Comparative Study of Breast Cancer Diagnosis Using Supervised Machine Learning Techniques', presented at *2nd International Conference on Computing Methodologies and Communication (ICCMC 2018),* Surya Engineering College (SEC), Erode, India on 15-16, February 2018. (Indexing: Scopus, IEEE Xplore)
2. Gupta, M & Gupta, B, ' An Ensemble Model for Breast Cancer Prediction Using Sequential Least Squares Programming Method (SLSQP) ', presented at *Eleventh International Conference on Contemporary Computing (IC3-2018),* Jaypee Institute of Information Technology, Noida, India on 2-4, August 2018. (Indexing: Scopus, IEEE Xplore)

**Communicated**:

1. Gupta, M & Gupta, B, “Prediction of Parkinson’s disease Using Recursive Gauss-Newton Method Based Feed-Forward Neural Network on Apache Spark,” *Journal of King Saud University - Engineering Sciences*, 2018.

(Indexing: Scopus)

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| **Area of Interest** |

1. Big Data Analytics & Machine Learning

2. Pattern Recognition & Digital Image Processing

3. Information Retrieval

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| **Thesis & Project** |

1.”Victim Detection System Using Multi-modal Imagery” (M.Tech Thesis) under the guidance of Mr. Satish Kumar (Principal scientist, CSIR-CSIO) and Mrs. Aparna Akula (Scientist, CSIR-CSIO and selected in BRICS Young Scientists’ Conclave 2016).

The Thesis is based on the detection of the human body during natural and man-maid disaster using Machine Learning and Digital Image Processing, Where Infrared as well as Color model Imagery are considered.

[This work is completed in the part by funds of Council of Scientific and Industrial Research, India under the project OMEGA PSC0202-2.3.1.]

2. “Data Integrity Proof in cloud storage” in ASP.NET (B.Tech Major Project), under the guidance of Dr. Vibhav Singh (Completed PhD from IIT, BHU). This project was based on the security of documents while uploading on the cloud.

3. “E-LEARNING in Information Technology” in ASP .NET (Summer Training Project).

4. “Online Library Management System” in java (B.Tech Minor Project)

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| **Personal Information** |

**Name** : Madhuri Gupta

**Date of Birth** : 01-06-1993

**Father’s Name** : Mr. Dhanya Kumar Gupta

**Mother’s Name** : Mrs. Sunita Gupta

**Nationality** : Indian

**Languages** : English and Hindi

**Permanent Address** : D-28, New Agra, Agra U.P. (282005)

**Strength** : Team Worker, Smart and Hard Worker, can adapt

In any environment

**Hobbies and Interests** : Web Browsing, Travelling and interacting with people

**I hereby declare that the above information about me is true and complete to** **the best of my knowledge.**

**Date: (Madhuri Gupta)**