**MANISHA DHIMAN**

**Phone No:** +918059620692

**E-mail:** manishadhiman540@yahoo.in

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| **Career Objective** | | | | | |
| To utilize my capabilities, creative ideas with a self-motivated and positive approach within an organization that will enhance my professional and personal skills  . | | | | | |
| **Education Qualification** | | | |
| **Degree** | **University** | **Year** | **%** |
| M.Tech  (Electronics &Communication) | Deenbandhu Chhotu Ram University of Engineering and Technology, Murthal | 2016 | 81.41 |
| B.Tech  ( Electronics &Communication ) | Punjab Technical University, Jalandhar | 2013 | 80.51 |
| Intermediate/+2 | C. B. S. E | 2009 | 88.80 |
| Matriculation | C. B. S. E | 2007 | 85.20 |

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| **Area of Interest** |
| Digital Electronics, Controls Systems, Wireless Communication, Communication Systems, Digital Image Processing and Signal Processing. |

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| **Publications** |
| * “Analysis of cryptographic techniques using different algorithms”, published in National Conference on **Recent Trends in Computing and Communication Technologies** held at DCRUST Murthal, in 2016. |

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| **Skill Set** | |
| Programming Languages | C, C++, MATLAB |
| Operating System | Windows XP, Windows 7 |
| Tools | MS Office 2007, MS Office 2010 |

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| **Industrial Experience** | | | |
| **Organisation** | **Position** | **Duration** | **Role and Duties** |
| **BSNL, Pathankot** | **Trainee** | 6 months | **Project:** Maintenance, Functioning and Operations of Mobile and Broadband. |
| **EUREKA ELECTROSOFT**  **SOLUTIONS Pvt. Ltd.**  **(Chandigarh)** | **Trainee** | 6 weeks | **Project :** Automated railway crossing gate control |

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| **Academic Projects** | |
| **M. Tech** | |
| **Thesis: Performance analysis of ciphertext encryption standards.** | * Improved hybrid model is presented to reduce the processing time for encryption and decryption in the cryptosystem. * Speed and security of the system is increased in AES- RSA hybrid cryptosystem. |
| **Password based door opener and auto dialler.** | * Used the AT89S52 microcontroller, LCD Display, motors, keypad. |
| **B. Tech** | |
| **Microcontroller based Automated railway crossing gate control using sensors** | * Used the AT89C52 microcontroller, LCD Display, IR Sensors, Stepper motor. |

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| **Achievements** |
| 1. Secured 1st position in class 12th board examinations with 88.80% marks. |
| 1. Awarded CBSE scholarship on the basis of 12th marks from 2009-13 (during UG). |
| 1. Secured 95.75 percentile in **Graduate Aptitude Test Examination (GATE) held in 2015** andawarded GATE scholarship in M.Tech. |
| 1. Awarded as a best student of Pathankot in year 2009 by Dr. Abhinav Trika IAS (Sub-Divisional Magistrate) Pathankot. |

**Declaration:**

I hereby declare that the information furnished above is true to the best of my knowledge.

**Manisha Dhiman**