

### **Professional Qualifications:**

- M.Tech (Information Security) from Amedkar Institute of Technology (GGSIPU) in 2015  
Aggregate Percentage : 85.00%
- B.Tech (Computer Science Engineering) in 2013  
Aggregate Percentage: 82.08%

### **Teaching Experience (in Years): 1 Year**

**Subjects of interest:** Information Security, Honeypots, Computer Graphics, Cryptography, Database management system, Java, Compiler Design, Computer Networks.

### **Academic achievements:**

#### ***1. International Journals(2)***

- 1) **Pratima Sharma**, Bharti Nagpal, Nanhey Singh and Naresh Chauhan, “A Study on URL Manipulation Attacks and Their Countermeasures”, *International Journal of Emerging Technology in Computer Science and Electronics (IJETCSE)*, pp. 116-119 2015.
- 2) Bharti Nagpal and **Pratima Sharma**, “Preventive Measures for Securing Web Applications using Broken Authentication and Session Management Attacks: A Study”, *International Conference on Advances in Computer Engineering and Applications*, pp. 31-33 IJCA 2014.

#### ***2. International Conferences(2)***

- 1) **Pratima Sharma**, Bharti Nagpal, Nanhey Singh and Naresh Chauhan, “CATCH: Comparison and Analysis of Tools Covering Honeypots”, *IEEE International Conference on Advances in Computer Engineering and Applications (ICACEA)*, pp. 783-786 19-20 March 2015.
- 2) Bharti Nagpal, **Pratima Sharma**, Angel Panesar and Naresh Chauhan, “DDoS Tools: Classification, Analysis and Comparison”, *2<sup>nd</sup> IEEE International Conference on Computing for Sustainable Global Development*, pp. 3.155-3.159 IEEE 2015.

### **Faculty Development Program/STTP/workshop Organized:**

- Participated and Organized '*National Conference On Emerging Information Technology and Its Solutions* (NCEITS) -2012' conducted by the Computer Science Engineering Department of Northern India Engineering College on March 22,2012.

### **Faculty Development Program/STTP/workshop attended:**

- Six weeks Industrial Training at CMC Limited on the project "**Human Resource Management System**" in JAVA Technology and also got a "Letter of Appreciation" from the concerned company itself.
- Four weeks Industrial Training at BSNL on the project "**IP TAX**".
- Developed **HoneyDos Application** for preventing system from Malicious Packets and Denial of Service Attack Using Support Vector Machine Technique during the Post - Graduation degree.
- Workshop at Inderprastha Engineering College (IPEC) on "Virtual Labs" organized by IIT-Delhi on June 2016.

### **Honors and Awards Received:**

- Participated in C/C++ challenge conducted by NIIT at Annual Technical Fest 'FNORD-2012' of NIEC and secured 3<sup>rd</sup> Position.
- Secured 1<sup>st</sup> Position at the event 'GFX MANIA' at Annual Technical Fest 'FNORD-2012' of NIEC.

**Ms. Pratima Sharma**

**Designation**

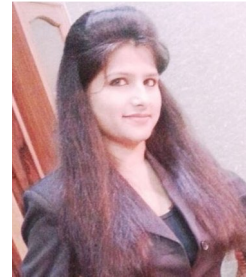
**Assistant Professor**

**Qualification**

**B Tech, M Tech**

**Area of Interest**

Java, Computer Graphics,  
Computer Networks, Database  
Management System, Web based  
Security, Honeypots,  
Cryptography



**E Mail**

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