

Ms. Pratima Sharma

Designation	Assistant Professor
Qualification	B. Tech, M. Tech
Area of Interest	Java, Computer Networks, Database Management System, Web Technology, Honeypots, Cryptography, Compiler Design
E Mail	pratima.sharma@ipeec.org.in

Professional Qualifications:

- M.Tech (Information Security) from Ambedkar Institute of Advanced Communication Technologies and Research (GGSIPU) in 2015
Aggregate Percentage : 85.00%
- B.Tech (Computer Science Engineering) in 2013
Aggregate Percentage: 82.08%

Teaching Experience (in Years): 2 Years

Subjects of interest: Information Security, Honeypots, Java, Computer Graphics, Cryptography, Database management system, Web technology, 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, Vol. 15, Issue 1, 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, IJCA pp. 31-33 2014.

2. International Conferences(5)

1. **Pratima Sharma** and Bharti Nagpal, “REGEX: An Experimental Approach for Searching in Cyber Forensics”, *4th IEEE International Conference on Computing for Sustainable Global Development*, pp. 4140-4143 1-3 March 2017.

2. Kirti Jain, Chahat Sharma, **Pratima Sharma** and Tanvi, “A Survey on MOOC and Mobile learning”, *4th IEEE International Conference on Computing for Sustainable Global Development*, pp. 4135-4140 1-3 March 2017 .
3. **Pratima Sharma**, Kirti Jain and Tanvi Sharma, “Multi-core processors in smart phones”, *4th IEEE International Conference on Computing for Sustainable Global Development*, pp. 4144-4149 1-3 March 2017 .
4. **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.
5. Bharti Nagpal, **Pratima Sharma**, Angel Panesar and Naresh Chauhan, “DDoS Tools: Classification, Analysis and Comparison”, *2nd IEEE International Conference on Computing for Sustainable Global Development*, pp. 3.155-3.159 IEEE 2015.

3. National Conferences(2)

1. Participated in National Conference on “Emerging Information Technology and Its Solutions”, organized by Northern India Engineering College on 22nd March, 2012.
2. Participated in National Level Technical Paper Presentation Contest SCROLLS'11 organized by Ajay Kumar Garg Engineering College, Ghaziabad on 15th October, 2011.

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:

- Participated in one week Faculty Development Program on “**Cryptography and Algebraic Coding Theory**” organized by Indraprastha Engineering College, Ghaziabad from 14th to 18th March, 2017.
- Participated in one week Faculty Development Program on “**Advance Computer Networks and Security**” organized by ABES Engineering College, Ghaziabad from 11th to 15th July, 2016.
- Participated in Faculty Development Program on “**Cyber/Network Security and Ethical Hacking**” organized by Indraprastha Engineering College, Ghaziabad from 11th to 13th August, 2016.

- Participated in a workshop on “**VIRTUAL-LABS**”, held at Inderprastha Engineering College, Ghaziabad on 7th June, 2016.
- Participated in the seminar on “**Advancement in Cloud Computing and Green IT Technology**”, organized by Northern India Engineering College, New Delhi on 25th March, 2011.
- Developed **HoneyDos Tool** for preventing system from Malicious Packets and Denial of Service Attack Using Support Vector Machine Technique during the Post - Graduation degree.
- 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**”.

Honors and Awards Received:

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