

# PRIYANKA SINGH

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## Work Experience:

### 1. FDS India Pvt. Ltd. Delhi/ TCIL (telecommunication consultants India ltd)

**Designation:** Computer Instructor

**Project:** ICT Project of TCIL India

**Experience:** 02 years 8 months

**Work summary:** Work on ICT Project of Central government of India conducted by TCIL.

Plan and execute activities to promote skill and skill development of Govt. School students and teachers. Organize development programs/training programs/vocational programs. Contribute in departmental activities.

### 2. Dr. Akhilesh Das Gupta Institute of Technology & Management (formerly Northern India Engineering College) Shastri Park, Delhi affiliated to Guru Gobind Singh Indraprastha University (GGSIPU).

**Designation:** Assistant Professor (CSE)

**Experience:** 1 year

### 3. Shree Narayan Guru College of Commerce affiliated to Mumbai University.

**Designation:** Assistant Professor (BSc IT)

**Experience:** working

## Publications:

### Papers:

1. "Empirical Analysis of Energy Efficient Hybrid Protocol under Black Hole Attack in MANETS" is published in RICE 2020 International Conference. Singh, P. and Khari, M., 2021. Empirical analysis of energy-efficient hybrid protocol under black hole attack in MANETS. In *Research in intelligent and computing in engineering* (pp. 725-734). Springer, Singapore.
2. Singh, P., Khari, M. and Vimal, S., 2021. EESSMT: an energy efficient hybrid scheme for securing mobile ad hoc networks using IoT. *Wireless Personal Communications*, pp.1-25.
3. "A Survey of Cloud Computing Issues" is successfully published in International Journal of Machine Learning and Networked Collaborative Engineering (IJMLNCE) ISSN 2581-3242.

### Book Chapters:

1. "Necessity of Time Synchronization for IoT- Based Applications" is successfully published in the book titled "Internet of Things Technology Advances and New Applications.
2. "Impact of Group Theory in Cryptosystem" is published in the book titled "Functional Encryption", in the book series of EAI/Springer Innovations in Communications and Computing. Singh, P., Khari, M. and Kaundanya, N.S., 2021. Impact of Group Theory in Cryptosystem. In *Functional Encryption* (pp. 19-36). Springer, Cham.

### **FDPs:**

1. FDP on “Fundamentals of RPA” conducted by ICT Academy on June 2021 to 25 June 2021.
2. FDP on “IoT over edge & Cloud Computing 1.0 (IECC-1.0)” conducted by BBDNIIT, Lucknow from June 14 to June 19 2021.

### **Awards:**

- Awarded the “**GOLD MEDAL**” for standing first in the Order of Merit in **Masters of Technology (Information Security)** programme.

### **Certification:**

- Certificate of Merit for positioning rank one in the order of Merit of Masters of Technology in Information Security in the fourteenth Convocation of GGSIPU held on 30<sup>th</sup> March 2022.
- Conference of presenting paper at The 5<sup>th</sup> International Conference of Research in Intelligent and Computing in Engineering on 3-4<sup>th</sup> June 2020.
- Workshop on Cyber Safety Awareness organized by Cyber Crime Cell, Economic Offences wing, Delhi on 10 Nov 2017.
- Workshop 50 hours of communication skill enhancement program organized by purple leap.

