

# Kanchan Bisht

Indian Institute of Technology Hyderabad  
Kandi, Sangareddy, Telangana - 502285

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✉ bkanchan300@gmail.com

## EDUCATION

### Indian Institute of Technology Hyderabad

*PhD in Computer Science & Engineering, CGPA:9*

*2020-Pursuing*

### National Institute of Technology

*M.Tech in Computer Science & Engineering, CGPA: 9.71*

**Uttarakhand**

*Sep 2020*

### Hemvati Nandan Bahuguna Garhwal University

*B.Tech in Computer Science & Engineering, Percentage: 83.6%*

**Srinagar, Uttarakhand**

*Aug 2017*

### Kendriya Vidyalaya S.S.B Srinagar Uttarakhand

*Intermediate, Percentage: 80.4%*

**C.B.S.E Board**

*May 2013*

### Kendriya Vidyalaya S.S.B Srinagar Uttarakhand

*Matriculation, CGPA: 9.4/10*

**C.B.S.E Board**

*June 2011*

## INTERESTS

- Lattice based Cryptography
- Cryptography, Secret Sharing Scheme
- Data Structures and Algorithms

## PROJECTS & PUBLICATIONS

- Kanchan Bisht, Maroti Deshmukh. *“A novel approach for Multilevel Multi-Secret Image Sharing Scheme”*, Journal of Supercomputing, Springer, 2021
- Kanchan Bisht, Maroti Deshmukh. *“Encryption algorithm based on Knight’s tour and neighbourhood addition”*. 7th International Conference on Signal Processing and Integrated Networks (SPIN). IEEE, 2020.
- Mtech Thesis on *Secret Image Sharing Schemes* using Linear algebra and boolean and modulo arithmetic. (Guided by Dr. Maroti Deshmukh, Assistant professor NIT Uttarakhand).
- Group chat application for Interanet (using Java)

## TRAINING AND CERTIFICATIONS

- Presented a conference paper titled *“Encryption Algorithm based on Knight’s Tour and n-neighbourhood addition”* at 7th International Conference on Signal Processing and Integrated Networks (SPIN 2020), Amity University Sector-125 Noida.
- Attended STC on *“Application of Statistics in Experimental techniques”*.
- Attended STC on *“Research Methodology”*.
- Attended STTP on *“Artificial Intelligence”*.
- Attended workshop on *“Android app Development”* by *CETPA Infotech Pvt. Ltd.*

- Summer training on *Advance Java* from *Insergo Technologies Pvt. Ltd, Dehradun*.
- Summer training on *Java* from *Unisoft Technologies, Dehradun*.
- Certified in one year *Diploma in Office Automation and Publishing (DOAP)* from *Apex Computer Education Uttarakhand*.

## TECHNICAL SKILLS

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- **Programming Languages:** Java, C, C++
- **Operating Systems :** Windows, Linux
- **Others:** MATLAB, Latex