Kanchan Bisht

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EDUCATION

Indian Institute of Technology Hyderabad
PhD in Computer Science & Engineering, **CGPA:9**   *2020-Pursuing*

National Institute of Technology   **Uttarakhand**
M.Tech in Computer Science & Engineering, **CGPA: 9.71**   *Sep 2020*

Hemvati Nandan Bahuguna Garhwal University   **Srinagar, Uttarakhand**
B.Tech in Computer Science & Engineering, **Percentage: 83.6%**   *Aug 2017*

Kendriya Vidyalaya S.S.B Srinagar Uttarakhand   **C.B.S.E Board**
Intermediate, **Percentage: 80.4%**   *May 2013*

Kendriya Vidyalaya S.S.B Srinagar Uttarakhand   **C.B.S.E Board**
High School, **CGPA: 9.4/10**   *June 2011*

RESEARCH INTERESTS

- Privacy-preserving Cryptography
- Lattice-based Cryptography

PUBLICATIONS

- **Kanchan Bisht**, Neel Yogendera Kansagra, Reisha Ali, Mohommad Shaik Sayeed, Maria Francis, Kotaro Katoka . ***"Revocable TACO: Revocable Threshold based Anonymous Credentials over Blockchains"***, In ACM Asia Conference on Computer and Communications Security (ASIA CCS' 24) (accepted).

- **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.

AWARDS AND ACHIEVEMENTS

- Prime Minister Research Fellowship (PMRF) (July 21-July 24)
- Gold medal in M.Tech C.S.E

EXPERIENCE AND CERTIFICATIONS

- Taught Cryptography at BVRIT Hyderabad College of Engineering for Women (Sep 2022 - Mar 2023).
- Taught Cryptography at BVRIT Narsapur, Hyderabad (Jan-May 2022).
- 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

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