**Template for Faculty Data**

**Faculty Name: Pooja Bhatt**

Designation: Assistant Professor

Employee ID:

Qualification: M.Sc., DAVV DET

Phone No.:

Email Id: bhattpooja276@gmail.com

1. **About Faculty**

I am Pooja Bhatt pursuing Ph.D. from DAVV University Indore. My research area is applied mathematics in cryptography.

1. **Educational Qualification (As given in biodata uploaded on website)**

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| --- | --- | --- | --- | --- |
| S. No. | Degree | Specialization | Year | University/Board |
| 1 | |  | | --- | | Master of science | |  | | Mathematics | 2018-2020 | |  | | --- | | Govt. Holkar Science | | College, Indore | |
| 2 | Bachelor of science | |  | | --- | | Mathematics (Hons.) | | with physics subsidiary | | 2015-2018 | |  |  |  | | --- | --- | --- | | |  | | --- | | Institute for Excellence in | | Higher Education, Bhopal | | |
| 3 | Higher Secondary | PCM | 2014-2015 | Beersheba hr. sec. school, Babai |
| 4 | High School |  | 2012-2013 | Beersheba hr. sec. school, Babai |

1. **Work Experience**

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| --- | --- | --- | --- | --- |
| S. No. | Designation | Department | Employer Name | Duration of Employment |
| 1 | Assistant Professor | Applied sciences and Humanities | Malwa Institute of Technology, Indore. | November 2021 to July 2023 |

1. **Research Detail**

* Presented research paper in International Conference on Recent Advances in Mathematics and Data Science, MANIT Bhopal (ICRAMDS - 2024).
* Life Member of Cryptology Research Society of India (CRSI).

1. **PhD Supervision**

Details of PhD supervision is to be added.

1. **Publication**

* *Application of Matrices and Euler’s Totient Function for Secret Key Generation in Cryptographic Algorithm*, Journal of Technology (An UGC-CARE Approved Group- II Journal (Scopus Indexed)), 11(12)(2023), 887-896, DOI:20.18001.JOT.2023.V11I12.23.3025
* ***Review Paper on Symmetric and Asymmetric Cryptographic Algorithms,*** (communicated).
* ***Progress in Lattice-Based Digital Signature: Systematic Review, Challenges and Research Directions,*** Abstract published in conference book, MANIT Bhopal (ICRAMDS - 2024).

1. **Project**

Details regarding Projects completed and ongoing can be entered in the tabular form or in the list form.

1. **Testing & Consultancy**

Details regarding Testing & Consultancy can be entered in the tabular form or in the list form. If the information is large than important points may be included and rest can be added in detailed profile or link can also be provided.

1. **Other Details**

Extra Details like Event organized, Expert Lectures taken, Awards, achievements, etc. can be added.