



## Faculty Details Proforma



|   |   |            |       |           |          |            |
|---|---|------------|-------|-----------|----------|------------|
| Title   | Mrs.  | First Name | Pooja | Last Name | Khoda    | Photograph |
| Designation   | Assistant Professor   |            |       |           |          |            |
| Address   | Department of Mathematics, Shaheed Bhagat Singh College, University of Delhi, New Delhi-110017. |            |       |           |          |            |
| Date of Birth   | 01-07-1996  |            |       |           |          |            |
| Phone No Office   |   |            |       |           |          |            |
| Mobile  |   |            |       |           |          |            |
| Email   | Poojakhoda28@gmail.com  |            |       |           |          |            |
| Web-Page  |   |            |       |           |          |            |
| <b>Educational Qualifications</b>   |   |            |       |           |          |            |
| Degree  | Institution   |            |       |           | Year     |            |
| Ph.D. (Mathematics)   | University of Delhi   |            |       |           | Pursuing |            |
| M.Phil. (Mathematics)   | University of Delhi   |            |       |           | 2022     |            |
| M.Sc.(Mathematics)  | University of Rajasthan   |            |       |           | 2018     |            |
| B.Sc. (Mathematics)   | University of Rajasthan   |            |       |           | 2016     |            |
| <b>Career Profile</b>   |   |            |       |           |          |            |
| <b>CAREER OBJECTIVE:</b> To work up to the optimum level for the betterment of the institution and nation. To make a mark as a distinguished professional in the institution.   |   |            |       |           |          |            |
| <b>Work Experience:</b>   |   |            |       |           |          |            |
| <ul style="list-style-type: none"><li>Assistant Professor (Permanent): Shaheed Bhagat Singh College, University of Delhi (April 2023 to till the date).</li><li>Assistant Professor (Ad-hoc): Bharati College, University of Delhi (July 2019 to April 2023).</li></ul> |   |            |       |           |          |            |
| <b>Areas of Interest / Specialization</b>   |   |            |       |           |          |            |
| <ul style="list-style-type: none"><li>Group Theory</li><li>Dynamical Systems.</li></ul>   |   |            |       |           |          |            |
| <b>Papers Taught</b>  |   |            |       |           |          |            |
| <ul style="list-style-type: none"><li>Calculus</li><li>Differential Equations</li><li>Ring Theory and Linear Algebra-I</li><li>Computer Algebra Systems and Related Software</li><li>Group Theory-I</li></ul>   |   |            |       |           |          |            |

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| <ul style="list-style-type: none"> <li>• Group Theory-II</li> <li>• Ring Theory and Linear Algebra-II</li> <li>• Complex Analysis</li> <li>• LaTeX and HTML</li> </ul>   |
| <b>Research Guidance</b>   |
|  |
| <b>Publications Profile</b>  |
|  |
| <b>Conference/ workshop Organized</b>  |
| <ul style="list-style-type: none"> <li>• <b>Organized</b> a Webinar on “<b>Vedic Mathematics</b>” on 03 February, 2021 at <b>Bharati College</b>, University of Delhi.</li> </ul>  |
| <b>Awards and Distinctions</b>   |
| <ul style="list-style-type: none"> <li>• CSIR-UGC, NET-JRF</li> </ul>  |
| <b>Association With Professional Bodies</b>  |
|  |
| <b>Other Activities</b>  |
| <ul style="list-style-type: none"> <li>• <b>Attended</b> a Webinar on “<b>Getting Started with NLP for Enterprise Application</b>” on 19<sup>th</sup> February, 2022 organized by <b>Supercomputer Facility at Computer Engineering Department of Government Engineering College</b>, Rajkot.</li> <li>• <b>Participated</b> in a “<b>Webinar on 34th Webinar of the Webinar Series of Communication Today</b>” at <b>Netaji Subhash Chandra Bose Jaipur</b> on 6<sup>th</sup> February, 2022.</li> <li>• <b>Participated</b> in a Webinar on “<b>Career Talk 2022-Resume, Job and Interview</b>” on 5<sup>th</sup> February 2022 organized by <b>BSUM</b>.</li> <li>• <b>Attended</b> a Webinar on “<b>National Intellectual Property awareness mission</b>” on 19<sup>th</sup> January 2022 Organized by <b>NIPAM</b>.</li> <li>• <b>Participated</b> in a Webinar entitled “<b>Brain Training With Maths Exercise</b>” organized by <b>Bharati College</b> on May 24, 2020.</li> <li>• <b>Attended</b> an International Webinar on “<b>Origin of Universe: Scientific and Vedic Perspectives</b>” organized by <b>QUBIT</b> on 12<sup>th</sup> June 2020.</li> <li>• Participated in an International Webinar on “<b>Some Applications of Mathematics to Analyze and Solve Problems of Real Life</b>” organized by <b>Bharati College</b> on 29<sup>th</sup> May 2020.</li> <li>• <b>Participated</b> in a Webinar on “<b>Effective Pertaining During the Lockdown: Addressing Challenges</b>” organized by <b>Bharati College</b> on 21<sup>st</sup> April 2020.</li> <li>• <b>Participated</b> in a Five Days Workshop on “<b>Scientific Research Using Latex and Descriptive Data Analysis through R/Python</b>” organized by <b>Rajiv Gandhi South</b></li> </ul> |

**Campus, BHU during 31<sup>st</sup> Jan. 2022 to 04<sup>th</sup> Feb. 2022.**

- **Participated** in a Five Days Workshop and National Faculty Development Program on **“Research Methodology and ICT based Teaching and Learning Tools”** Organized by **Hindustan College of Arts and Science, Coimbatore, Tamilnadu** during 16<sup>th</sup> to 20<sup>th</sup> June 2020.
- **Participated** in an one week Faculty Development Programme on **“Research Methodology”** organized by **Indian Teacher Education Community and Sw. Sunderlal Shivare Degree College, Markov Maudaha Hamirpur, UP** during 12<sup>th</sup> to 18<sup>th</sup> July 2020.
- **Participated in IWM Conference** organized by **Banashthali Vidyapith, Rajasthan** during 28-30<sup>th</sup> January 2022.
- **Presented** a Research Paper entitled **“An analysis of mathematical model of Tuberculosis disease by using Fractional Derivatives ”** in an International Conference on Mitigating Contemporary Environmental issues by Sustainable Approaches **at Acharya Narendra Dev College, University of Delhi** during 22-28<sup>th</sup> February 2022.