**[](http://www.latestresumesample.com/wp-content/uploads/2016/10/images.jpg)**

**Name: Contact No.: Address: Email: Dubai, UAE**

**Objective:**To excel my career through hard work, research, skills and perseverance in industrial and corporate environment

**Skills Fabric Textile Engineer** :

* Ability to carry out independent primary and secondary in-depth research
* Enriched with **technical knowledge** and **analytical skills**
* Admirable **technical writing** and good **presentation skill**
* Expertise in **linear and multiple regression, hypothesis test, predictive modeling and optimization**
* Very good at soft computing techniques (**Artificial neural network, Fuzzy logic and Genetic algorithm**)
* Skilled in various statistical and analytical softwares, namely **Excel, Matlab, Design Expert, Statistica**
* Knowledge of computer programming language **Basic** and **C**

**Academic qualifications:**

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| --- | --- | --- | --- |
| **Degree/Examination** | **Board/ University** | **Discipline** | **DGPA/Percentage (%)** |
| PhD | IIT Delhi | Fabric Engineering for Ultraviolet Radiation Protection | Thesis submitted |
| Master of Technology | W.B.U.T. | Textile Technology | 9.15/10 |
| Bachelor of Technology | University of Calcutta | Jute and Fiber Technology | 73.98 |
| Higher Secondary | W.B.C.H.S.E. | Science | 80.50 |
| Secondary | W.B.B.S.E. | General | 81.50 |

* **Academic achievements:**

**CGPA 9.584 out of 10 in PhD course work** and secured **highest grade in statistics in IIT Delhi**

* Authored and co-authored **four international** and **two national journal papers** in different fields of textile
* Presented oral talks in several **national and international conferences** in India and abroad
* Qualified **GATE examination** in year 2010 securing **all India rank 81**
* Received award **twice** from then **Lok Sabha Speaker** of India **Somnath Chatterjee,** for being topper among girls in sub-division and for being topper in Bolpur Girls’ High School in Higher Secondary examination
* Awarded by **Palli Samprasaran Kendra of Viswabharati, Sriniketan** for being **topper among students of around 70 villages under this center**
* Scored **5 %** in physics in higher secondary examination, **highest among girls in Bolpur subdivision**
* Scored **96 % in Mathematics** in secondary examination, **highest in Bolpur subdivision**

**Research and  experience:**

|  |  |
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| **Senior Research Fellowship (SRF)**  **July, 2010 - April, 2012** | § Worked in **Research Project** entitled “Design and Fabrication of a Dynamic Compression Tester for Fibrous Material using Magnetic Inductance Principle” funded by **Council for Science and Industrial Research (CSIR)**  § Successfully fabricated **Dynamic Compression Tester** and compared the results with other standard instrument  § **Maintained accounts** and prepared **detailed annual progress reports** of the project for submitting CSIR |
| **Teaching Assistantship (TA)**  **May, 2012 - Nov, 2014** | § Took **lab** and **tutorial** classes of **graduate students** at **IIT Delhi**  § Assisted professors in teaching of graduate and post graduate students by administering examinations, paper checking, marking and grading  § Gave demonstration of various **testing instruments** to undergraduate and postgraduate students  § Supervised **Bachelor’s and Master’s projects** in collaboration with supervisors  § Volunteered several **national & international conferences** and **seminars** |

**Textile Engineering Projects:**

|  |  |
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| **PHD** | § Studied the influence of yarn and fabric parameters on UPF of cotton and polyester fabrics  § Studied the effect of **modified yarn structure (hollow)** on UPF of cotton fabrics  § Studied the UV protective property of bamboo viscose fibre in comparison with cotton fibre by the help of **predictive models** developed using **curve fitting technique**  § Developed **predictive models for UPF** of polyester-cotton blended fabrics using various **statistical and soft computing methods** and **compared their prediction efficacy**  § Developed **artificial neural network models** for **air permeability** and **moisture vapour transmission rate** of polyester-cotton blended fabrics  § Carried out an extensive study for **fabric engineering** for ultraviolet protection and comfort |
| **M-TECH** | § Studied the effect of filament **winding angle** on the **physical properties, tensile and flexural strength** of **filament-wound composite pipes** |
| **B-TECH** | § Studied the **package density** of various cotton, jute and polyester-viscose yarn packages **wound at** **different tension levels** |

**Co-curricular activities:**

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| § Was active member of the **organizing committee** of **Golden Jubilee Young Researcher’s Symposium, 2011** and **Young Researcher’s Symposium, 2013**  § Participated several workshops on different technical areas throughout the PhD tenure |

**Personal details:**

* Date of Birth : 000
* Spouse Name : 000
* Languages Known : English, Hindi and Bengali