



**Shaheed Rajguru College of Applied Sciences for Women  
University of Delhi  
Faculty Profile**

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| <b>Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Dr. Saquib Ansari              |  |
| <b>Designation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Associate Professor            |                                                                                     |
| <b>Email</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | saquib.ansari@rajguru.du.ac.in |                                                                                     |
| <b>Degree</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Institution</b>             | <b>Year</b>                                                                         |
| M.Sc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Bundelkhand University         | 2002                                                                                |
| Ph.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Bundelkhand University         | 2007                                                                                |
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| <b>Areas of Interest / Specialization</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |                                                                                     |
| Biochemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                                                                                     |
| <b>Publications Profile</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                |                                                                                     |
| <ul style="list-style-type: none"> <li>➤ Anju Kumari, Kuldeep Singh, Seemasundari Yumlembam, Hamidur Rahaman, Mohd Saquib Ansari, Laishram Rajendrakumar Singh. <math>\beta</math> Alanine Modulates the Activity and Stability of Peroxiredoxin 6: A Biochemical and Mechanistic Study. <i>Biophysica</i>. 2026, 6(1), 11.</li> <li>➤ A Kumar, AN Bhatt, MS Ansari. Silk fibroin-based nanocomposites for tissue engineering. <i>Protein- Based Nanocomposites for Tissue Engineering</i>. 2025. 133-145. Woodhead Publishing.</li> <li>➤ A Kumar, R Pandey, AN Bhatt, MS Ansari. Fibrin- based hydrogels for tissue engineering. <i>Protein- Based Nanocomposites for Tissue Engineering</i>. 2025. 253-265. Woodhead Publishing.</li> <li>➤ K Singh, NA Ansari, MS Ansari, MY Bhat. Role of Osmolytes in cancer. <i>Cellular Osmolytes: From Chaperoning Protein Folding to Clinical Perspectives</i>. 2024. 105-127. Springer Nature Singapore</li> <li>➤ A Kumar, DK Shah, Y Rai, AK Yadav, PR Solanki, MS Ansari, AN Bhatt. Granular hemostatic composite of alginate, calcium and zinc for rapid and effective management</li> </ul> |                                |                                                                                     |

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- A Kumar, DK Sah, K Khanna, Y Rai, AK Yadav, MS Ansari, AN Bhatt. A calcium and zinc composite alginate hydrogel for pre-hospital hemostasis and wound care. *Carbohydrate polymers*.2023. 299: 120186.
- Anju Kumari, Rimpay Kaur Chowhan, Pushpa Kakchingtabam, Sharifun Shahnaj, Hamidur Rahaman, Mohd Saquib Ansari, Laishram Rajendrakumar singh. Peroxiredoxin-6: A Guardian of Lung Pathophysiologies. *Current Protein & Peptide Science*. 2021. 22(9) 666-674
- S Chaturvedi, S Afrin, MS Ansari, Z Karim. Nanocellulose-Based Multidimensional structures for Food Packaging Technology. *Sustainable Food Packaging Technology*. 2021. 305-321. Wiley online Library.
- A Kumar, AN Bhatt, LRK Singh, Z Karim, MS Ansari. Alginate based hydrogels for tissue engineering. *Polysaccharide based nanocomposites for gene delivery and tissue engineering*. 2021.59-69. Elsevier
- MJ Khan, A Svedberg, AA Singh, MS Ansari, Z Karim. Use of nanostructured polymer in the delivery of drugs for cancer therapy. *Nanostructured Polymer Composites for Biomedical Applications*. 2019. 261-276. Elsevier
- Karim Z, Adnan R, Ansari MS. Low Concentration of Silver Nanoparticles Not Only Enhances the Activity of Horseradish Peroxidase but Alter the Structure Also. *PLoS ONE*. 2012.7(7): e41422. doi:10.1371/journal.pone.0041422
- Neelam Misra, Mohd Saquib Ansari and A.K. Gupta. Differential response of scavenging of reactive oxygen species in green gram genotype grown under salinity stress. *American Journal of Plant Physiology*. 2006.1(1):41-53.
- Mohd. Saquib Ansari and Neelam Misra. Miraculous role of salicylic acid in plant and animal system. *American Journal of Plant Physiology*. 2007. 2(1):51-58.

#### Awards and Distinctions

