




## Faculty Profile on University Website www.kmclu.ac.in

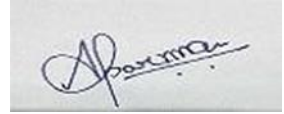


|   |  |                             |   |                           |                         |
|---|--|-----------------------------|---|---------------------------|-------------------------|
| Name                                      | Dr. Aparna Singh Kushwaha  |                             |  |                           |                         |
| Designation                               | Assistant Professor (T)  |                             |   |                           |                         |
| Department                                | Botany   |                             |   |                           |                         |
| <b>Contact Details</b>                    |  |                             |   |                           |                         |
| Email                                     | aparnaphd@gmail.com  |                             |   |                           |                         |
| Mobile No.                                | 7007999261; 9169289249   |                             |   |                           |                         |
| LinkedIn Profile Link                     | linkedin.com/in/dr-aparna-kushwaha-181b56146   |                             |   |                           |                         |
| Twitter Profile Link                      | @AparnaKushwaha2   |                             |   |                           |                         |
| <b>Educational Qualification</b>          |  |                             |   |                           |                         |
| <b>Exam</b>                               | <b>Board/University</b>  | <b>Subject</b>              | <b>Passing Year</b>   |                           |                         |
| B.Sc.                                     | C.S.J.M, University, Kanpur  | Botany, Zoology & Chemistry | 2009  |                           |                         |
| M.Sc.                                     | University of Allahabad  | Biochemistry                | 2013  |                           |                         |
| Ph.D                                      | CSIR- Indian Institute of Toxicology Research, Lucknow   | Biological Sciences         | 2022  |                           |                         |
| <b>Details of Service</b>                 |  |                             |   |                           |                         |
| <b>Employer's Name and City</b>           | <b>Designation</b>   | <b>Type</b>                 | <b>Date(from)</b>   | <b>Date(upto)</b>         | <b>Total Experience</b> |
| IAMGID, ONGC - CAS, University of Lucknow | Subject Expert   | Temporary                   | 1 <sup>st</sup> Dec 2022  | 30 <sup>th</sup> Jun 2024 | 1 yr, 6 m, 29 days      |
| IAMGID, ONGC - CAS, University of Lucknow | Subject Expert   | Temporary                   | 1 <sup>st</sup> Aug 2024  | 15 <sup>th</sup> Dec 2024 | 4 m, 14 days            |
| IAMGID, ONGC - CAS, University of Lucknow | Subject Expert   | Temporary                   | 1 <sup>st</sup> Apr 2025  | 30 <sup>th</sup> Jun 2025 | 2 m, 29 days            |
| KMCLU, Lucknow                            | Assistant Professor  | Temporary                   | 21 <sup>st</sup> Jan 2026   | continue                  |                         |
| <b>Academic Details</b>                   |  |                             |   |                           |                         |
| Teaching Area/Specialization              | <ol style="list-style-type: none"><li>1. Genetics</li><li>2. Genetic engineering</li><li>3. Molecular Biology</li><li>4. Environmental Microbiology and Toxicology</li></ol> |                             |   |                           |                         |

|                        |   |
|------------------------|---|
|                        | <ol style="list-style-type: none"> <li>5. Plant Morphology, Anatomy, Taxonomy, Physiology</li> <li>6. Cell Biology</li> <li>7. Ethnobotany</li> <li>8. Plant-Microbe interaction</li> <li>9. Enzymology</li> <li>10. Sustainable Agriculture</li> </ol> |
| Teaching Experience    | More than 2 years and 4 months  |
| Research Area          | Heavy metal stress mitigation in Plant, Protein expression, purification and its Characterization, Isoenzyme expression under metal stress, Plant and microbial biochemistry, Nutrient cycling, Enzymology, Sustainable Agriculture                     |
| Orchid ID              |   |
| Vidwan ID              |   |
| Google Scholar Profile | <a href="https://scholar.google.com/citations?user=EohfiJUAAA AJ&amp;hl=en">https://scholar.google.com/citations?user=EohfiJUAAA AJ&amp;hl=en</a>   |

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|---|--|
| <b>Research Details</b>   |  |
| Research Publications   | 09   |
| Books (book chapter)  | 03   |
| P.hD./M.Phil. Awarded under Supervision   |  |
| Projects  | <ol style="list-style-type: none"> <li>1.</li> <li>2.</li> </ol> |
| Conferences/Seminars/Workshops  | 10   |
| <b>Honours/Awards</b>   |  |
| 1. Qualified CRET- University of Allahabad, Allahabad (PhD Entrance examination)-2013   |  |
| 2. Qualified GATE-2014  |  |
| 3. Qualified CSIR-UGC-NET/JRF Examination December 2014   |  |
| 4. Qualified GATE- 2015   |  |
| 5. Received CSIR- Foreign Travel Award to attend ASM 2019 Conference in San Francisco, USA  |  |
| 6. Selected as a co-chair for the session Environmental & Applied Microbiology Forum in Microbiology Society conference 2020, Edinburg UK.  |  |
| <b>Any Special Information</b>  |  |
| <ol style="list-style-type: none"> <li>1. Received "Certificate of Appreciation" on participation in the cultural program on the occasion of CSIR-IITR, Lucknow annual day celebration-2016.</li> <li>2. Received "Certificate of Appreciation" on giving my contribution for organizing International Conferences on Bio-Innovation for Environment and Health Sustainable Developments (BEHSD- 2018) held at CSIR-IITR, Lucknow.</li> <li>3. Under "AcSIR 800 societal program", I delivered a talk on "Awareness on Beneficial Effects of Bio-fertilizer in Indian Agriculture System" in a rural area (published in News Article, April 2021).</li> </ol> |  |

4. Worked as a Resource person in an, International workshop & hands-on workshop on “Application of Molecular Genetics in Disease Diagnostic” organized between Feb 15-18, 2023, by IAMGID, ONGC-CAS, and Molecular Human Genetics Laboratory, Department of Zoology, University of Lucknow.

A rectangular box containing a handwritten signature in black ink. The signature is stylized and appears to be 'S. Kumar'.

**Signature**