



SAIMA NISAR

CONTACT

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SKILLS

- Highly skilled in MS Word, MS Excel and Powerpoint
- Excellent scientific writing skills (have published book chapter and scientific articles for department magazine)
- Experience with scientific illustration (made illustrations for publication and presentations)
- Skilled in various biological techniques, including Microtome, Gel electrophoresis, Spectrophotometry, Genotoxicity assay (comet assay, FISH, MN)
- Experience with DNA, RNA and protein extraction and analysis. cell culture, microscopy, and statistical analysis

LANGUAGES

- English
- Hindi
- Urdu

OBJECTIVE

Driven M.Sc graduate in Zoology with a passion for biology seeking an internship as a subject matter expert. I am excited to apply my expertise in biology subjects towards creating educational content and resources. I thrive in roles that allow me to combine my love of science with teaching and mentoring others.

EDUCATION

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| 2021-2023 | Master's of Science Zoology
Aligarh Muslim University, UP, India
8.85 CGPA out of 10 |
| 2021 | Bachelor's of Science (Hons) Zoology
Aligarh Muslim University, UP, India
8.48 CGPA out of 10 |
| 2018 | Intermediate (Class - XII)
Senior secondary school, Aligarh (AMU Board) |
| 2016 | Highschool (Class - X)
Carmel School, Bhagalpur (ICSE Board), Bihar |

INTERNSHIPS AND WORKSHOPS

- CSIR-IITR conducted "Workshop on Genotoxicity Assay"
29th January, 2023
- SERB-DST sponsored National Workshop, AMU
"Hands on workshop on Drosophila as a research model"
1st November - 8th November, 2022
- Biosrishti, Virtual Internship on in silico Biology
4th February - 28th February, 2022
- Intern at University Debating and Literary Club, AMU
24th Feb - 5th March, 2020

AWARDS & ACHIEVEMENTS

Poster Presentation Award. Won 3rd prize in the poster presentation at the G20 University connect programme organised by Zoological Society on 18th June, 2023

Qualified for GATE (Graduate Aptitude Test for Engineering) in life science, organized by Indian Institute of Technology Kanpur in 2023

Annual Hall Competition. Won 1st prize in Annual Hall Competition organized by Begum Azizun Nisa Hall, Aligarh Muslim University.

PUBLICATIONS

Bushra Zia¹, Saima Nisar² and Samrah Zaki Ansari², Chapter 5. PCOS and Obesity: The Role of TSH on Fat Metabolism and Its Dysfunctional Repercussions. Polycystic ovarian syndrome (PCOS) and our biological clock. (2023). In Nova Science Publishers. <https://doi.org/10.52305/WILY1027>

RESEARCH EXPERIENCE

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| 1/02/2023 -
18/06/2023 | Research Project
Limnology and Toxicology Research Lab, AMU
Worked on Acute and Sublethal toxicity of Malathion and Lambda-cyhalothrin to <i>Daphnia magna</i> . |
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LICENSES AND CERTIFICATION

Oral Presentation at EMSI-2023 International conference on "Environmental Mutagenesis and Toxicogenomics : Human Health Perspective"

Introduction to the Biology of Cancer
Johns Hopkins University