

Sanchita Kumar

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Education

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| Gargi College, Delhi University , B.Sc. Botany Honors | CGPA : 9.581/10 | 2021 | <i>New Delhi</i> |
| Target PMT , Grade XII | Score : 90.4% | 2018 | <i>New Delhi</i> |
| Lions Public School , Class X | CGPA : 10/10 | 2016 | <i>Gurugram</i> |

Research Experience

Effect of COVID-19 Lockdown on Environment

Gargi college, DU

MENTORS: DR RENU SONI AND DR SAMIRA CHUGH

May 2020 - Nov 2020

- Conducted survey to study effects of the COVID-19 on biotic and abiotic components of environment
- Performed analysis on more than 450 survey responses from participants living in Delhi-NCR

Consumers' Perception of Organic Food

Gargi college, DU

MENTOR: DR PRIYANKA PANDEY

June 2020 - Present

- Conducted survey to study the level of awareness and shopping habits of consumers for organic foods
- Performed analysis based on age groups, occupation, and region using more than 250 responses

Publications

Impact of COVID 19 pandemic on Biotic and Abiotic factors of the Environment

Gargi college, DU

MENTORS: DR RENU SONI AND DR SAMIRA CHUGH

May 2020 - Nov 2020

- The research paper has been selected to be published in Akadesmos 2021
- Akadesmos is an International Peer reviewed Research Journal of Kamla Nehru College, University of Delhi

Achievements

- **Gargi College Science Meritorious Award** for scoring **Highest aggregate CGPA** in Botany Department.
- Presented paper in **Interdisciplinary International e-Conference** on Sustainable Future for Humanity organised by Maitreyi College, University of Delhi.(2021)
- **Smt. Pratibha Mukherjee Memorial Award** for scoring **Highest CGPA** in B.Sc. Botany Honors in First Year. (2019)
- Achieved **third position** in **Inter College Science Fest** Scintillations for doodling organized by Life Science Society of Gargi College. (2019)
- Won **second Position in Haryana State** and **Consolation Prize at National level** for poster making competition organized by **Ministry of Water Resources**, Govt. Of India. (2014)
- Achieved **third prize at international level** in poster making organized by Lions Club International. (2016)
- Achieved **third prize at district level** on poster making competition on environment conservation organized by Child Welfare Society. (2016)

Leadership and Service

Dec 2019 - 2020
July 2019 - Present
July 2019 - Present
Aug. 2019 - Present
Aug. 2019 - Present

Programme Associate, Children's education trust of Hero Group
Executive member: Taru, the Botanical society of Gargi college
Executive member: Avni, the Ecology club of Gargi College
Content creator, Contributed content for the Ecology club magazine
Content creator, Wrote article on "Lost Treasure: *Moringa* (Drumstick)" for the botanical society magazine

Internships and Webinars

- Attended webinar by Dr. Shashank Mauria (Former assistant director general of Indian Council of Agricultural Research) on the topic **Biodiversity, Biotechnology, Bioeconomy: Understanding IPR'S is a necessity** Organised by Gargi College, University of Delhi. (Jan 2021)
- Participated in **National Virtual Short-term course on Plant Systematics: Classical to Molecular Approach** organised by Gargi College, University of Delhi. (20-25th July 2020)
- Participated in **National Workshop for Beginners on Web Search, Data Analysis and Presentation Tools** organised by Zoology Department under the aegis IQAC Maitreyi College, University of Delhi. (22-28th July 2020)
- Attended lecture by Dr. Rajesh S. Gokhale (Eminent Scientist, NII, New Delhi) on the topic **The promise and future of genomics** organized by Gargi College, University Of Delhi. (Sept 2019)
- Attended lecture by Dr. S. Natesh (Senior Project Consultant DST Centre of Policy Research IIT Delhi) on the topic **Plants That Changed India and The World** organized by Gargi College, University Of Delhi. (Sept 2018)

Key Courses

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| Botany | Cell biology, Genetics, Molecular biology, Biotechnology |
| Chemistry | Atomic structures, Biomolecules |
| Zoology | Food nutrition and health |

Hobbies

- Nature photography
- Painting
- Doodling
- Reading