



EDUCATION

| Year | Degree/Exam | Institute | CGPA/Marks |
|------|------------------------------|--|------------|
| 2021 | M.TECH | IIT Kharagpur | 9.08 / 10 |
| 2019 | B.TECH | Manav Rachna International Institute of Research and Studies | 9.30 / 10 |
| 2015 | Intermediate Examination | Eicher School (CBSE) | 88.4% |
| 2013 | Secondary School Examination | Eicher School (CBSE) | 9.80 / 10 |

INTERSHIPS

Project trainee at National Center for Biological Sciences (NCBS), Bengaluru, Karnataka- 560065, India for 6 months (2021)
Worked at International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi-110067, India for 6 months (2018)
Summer Intern at DIPAS, DRDO, Delhi-110054, India for 2 months (2017)
Certified course in hands on industrial training from Helix Biogenesis, Noida-201301, U.P, India for 1 month(2016)

PROJECTS

M.Tech Project on Designing of Biosensor under the supervision of Dr. Rintu Banerjee, Professor, H.O.D, Agricultural and Food Engineering Department, IIT-Kharagpur at NCBS, Bengaluru.
B. Tech Projects:
(July 2018 - December 2018)- Guided by Dr. Ranjan Nanda, PI, Translational Health Group, ICGEB, New Delhi, India, Title:- Analysis of Urine Proteome of TB Patients
(March 2019 - May 2019) - Guided by Prof. Joseph Davis Alex, MRIIRS, Faridabad, Haryana, India, Title:- Antimicrobial effects of Tulsi and Neem herbs and Nano formulations over *MRSA* Superbug

AWARDS AND ACHIEVEMENTS

Prestigious KHORANA Fellowship Awardee-2020 for pursuing 12 weeks internship in U.S.A sponsored by DBT, Government of India and IUSSTF (Indo-US partnership)
Gold Medalist B. Tech (2015-19 batch) Biotechnology (Branch Topper)
Qualified GATE -2019 (BT) and recipient of MHRD fellowship by Government of India (GOI) for pursuing my Masters studies at IIT-Kharagpur, India
Qualified JNU-CEEB 2019 with AIR 3 and IIT-JAM 2019 (BT and BL)

POSITIONS OF RESPONSIBILITY

Departmental (AGFE) Representative to CDC, IIT Kharagpur [July 2019- July 2020]
Associate member of Development team, CRY-NGO (2 months) and Sponsorship team, Gopali Youth Welfare Society- NGO(12 months), IIT-Kharagpur [2019-20]
Core Member of Kshitij Organizing team [2019]
Core Member of Spring Fest Organizing team [2019]

COMPETITION/CONFERENCE

National Winner of Open Innovation Challenge-2020 organized by Gujarat Technological University and Foundation for Integrated Support and Solution (FISS)
Won 1st position in National Symposium on Sustainable Development, Environment Conservation & General Awareness organized by Centre for the Study of Administration of Relief (CSAR)-2019
Won 1st position in State level Debate Competition-2019 held at NIT-Kurukshetra
Sanchit, S & Sarita, S (2018). Hydrogen Urea fuel: -the dream that wont die. International Conference on Advances in Biosciences (ICABB). Podium Presentation at IIIT, Noida, U.P and recieved appreciation award
Won 1st Position in INNOSKILL: - Annual Technical Fest 2018, MRIIRS and 2nd Position in North Zone Students Research Convention-2018
Recognition award by MRIIRS under Research Incubator Initiative for Quality Research publication, 2018-19
Sanchit, S, Debashish, M & Soma, P (2017). Toxicity of Nanoparticles. International Conference on Advances in Biological System and Materials Science in Nano world (ABSMSNW). Poster Presentation at IIT-BHU, Varanasi, U.P.
Won 3rd position in Inter College Slam poetry Competition, Ressurrection: -Annual Cultural Fest 2017, MRIIRS

PUBLICATIONS

Book Chapter:- Sanchit Sood et al, "Current Methods and Future of Tuberculosis (TB) Diagnosis", Springer Nature, 2021 (accepted)
Review Article:- **Sanchit Sood** and Joseph Davis, "Anti-biofilm activity of Azadirachta indica and Ocimum sanctum Aqueous Extract Combination against MRSA" International Journal of Pharmaceutical Research 12 (4) , 2020
Review Article:- Debashish Mohanta, Soma Patnaik, **Sanchit Sood**, and Nilanjan Das, "Carbon nanotubes: Evaluation of toxicity at biointerfaces." Journal of Pharmaceutical Analysis , 2019
Abstract (ID: -B1103):-**Sanchit, S** & Devashish, M; Toxicity of Nanoparticles. Conference (ABSMSNW) proceedings, 2017
Abstract (ID: -184):-**Sanchit, S** & Sarita, S; Hydrogen Urea fuel: -the dream that wont die. Journal of Proteins and Proteomics, ISSN: 0975-8151, Volume 9, 2018

SKILLS AND EXPERTISE

Proficient in English ; Software Packages: Microsoft Office I EndNote I ChemDraw I Photoshop I Auto CAD (2010)
Programming Languages : C ; Operating Systems: Windows

COURSEWORK INFORMATION

Food Biotechnology I Crop Breeding & Biotechnological Application I Plant Metabolites and Separation Technology I Principles of Plant Breeding I Recombinant DNA Technology I Modern Genetics I ImmunoTechnology I MEMS & Biosensors I Stem Cell Biology and Therapy I Biological & Chemical Sensors for Health and Disease Diagnosis I NanoBiotechnology Enabled Point of Care I Molecular Biology I Industrial Microbiology I Plant Breeding & In Vitro Techniques Laboratory

EXTRA CURRICULAR ACTIVITIES

Intercollegiate Model United Nations (MUNs) conferences, seminars and conferences and document off-campus volunteer work and Active Member of TLS,TADS, E-Cell and Communique societies , IIT Kharagpur, 2019-20.