



## 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

## INTERNSHIPS

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 JIIT, Noida, U.P and received 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, Ressurection: -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:** - Debasish 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** & Debasish, 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: MicrosoftOffice | EndNote | ChemDraw | Photoshop | Auto CAD (2010)  
Programming Languages : C ; Operating Systems: Windows

## COURSEWORK INFORMATION

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

## EXTRA CURRICULAR ACTIVITIES

