

SUSHIL KUMAR

✉ sk8401057@gmail.com

☎ 7667292745

📍 N 31, Sector 11, Noida, UttarPradesh,201301

EDUCATION

2015	Matriculation Holy Cross School, Ramgarh, Jharkhand 6.2 cgpa
2017	Intermediate Holy Cross School , Ramgarh, Jharkhand 70%
2017-2021	B.tech Bharath Institute of Higher Education and Research , selaiyur, Chennai, Tamilnadu 8.2 cgpa
2022-2024	M.tech Sharda University , Knowledge park III , Greater Noida, UttarPradesh 7 cgpa

SKILLS

Molecular Biology techniques: DNA Isolation, Paper Chromatography, Electrophoresis, PCR, RNA extraction

Microbiology laboratory techniques, serial dilution ,sample preparation, All types of plating techniques: streak plate, spread plate and pour plate methods, spectrophotometer, pH meter autoclave,laminar flow, Incubator, hot air oven, bacterial culture- Subculture, Biochemical test(IMVIC), Bacteria culture and Media prepration, fungi culture and media prepration, Phytochemical analysis, DPPH Assay, soxhlate apparatus, Rotatory apparatus.

PROJECTS

Isolation and Identification of Oral Bacteria

Isolation and identification of Candida Albicans from oral samples,it's an pathogenic yeast and for its identification 14srRNA was performed. This project was a part of my academics in 4th semester.

Comparative Antibacterial Activity of herbal mouth rinse with commercially available mouth rinse.

In my final year project I developed an herbal mouth rinse using different plant extracts vis soxhlet apparatus and compared its anti bacterial activity with commercially available mouth rinse.

Evaluation of Antioxidants and Antibacterial Activity of Alstonia scholarisa.

Leaves of Alstonia scholarisa was collected further methanolic and water extract were prepared.Four different microorganisms were selected for antibacterial activity, DPPH Assay was done for antioxidant assay and further Ag-Fe-Mn tri metallic nanoparticles were synthesized. For nanoparticles also Antibacterial and Antioxidant activity was done.

ACHIEVEMENTS & AWARDS

Won 3rd prize for poster presentations on topic "Prediction of Future Mutation" In 2017 held inside campus premises, Bharath University,selaiyur, Chennai.

Won third prize in poster presentation for topic "Varicose Veins " held inside campus premises, Bharath University,selaiyur, Chennai.

Won third prize in poster presentation for topic "Varicose Veins" held in AVIT college, Mahabalipuram, Chennai, Tamilnadu

LANGUAGES

English,Hindi

CERTIFICATES

Certificate was awarded for one day workshop on "Basic Bioinformatics and Docking techniques held by SRM ,
potheri ,Chennai, Tamilnadu in year 2018.

Certificate was awarded for 15 days hands on training on Genomics and proteomics in Biozone lab ,Chennai
,Tamil Nadu.