PRABHJIT SINGH

Village Amritpur, Dist. Pilibhit

Puranpur 262122, UP India   **Email:** sprabhjeet05@gmail.com

Mobile: +91-8810620915   **Nationality :** Indian   **Date of Birth:** 31st January 1992

EDUCATION

HIGH SCHOOL: KV No.3 PATIALA CANTT, PB   **Percentage :** 85 %

SENIOR SECONDARY SCHOOL : KV No. 2 DEHRADUN, UK   **Percentage :** 77 %

G. B. PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY, **Pantnagar**

Biotechnology (B.Tech)   2009-2013   CGPA : 6.757 / 10.000

1st Year Subjects included:
- Elementary Biology
- Engineering Chemistry
- Engineering Mathematics
- Introduction to Social Science

2nd Year:
- Elements of Biophysics and Bioinstrumentation
- Probability, statistics
- Genetics
- Elementary Biochemistry

3rd Year:
- Enzyme Technology
- Bioinformatics and Molecular Modeling
- Genomics and Proteomics
- Biocomputing and System Biology

4th Year:
- Bio analytical and Bio separation
- Transgenic Technology
- Molecular Cytogenetic
- Project work

Practical skills gained during my degree:

- Preparation and identification of nucleic acids, Protein isolation and separation by gel filtration, Western blot analysis, Agarose gel electrophoresis, SDS-PAGE, DNA and RNA extraction.
- PCR, Real Time PCR, ELISA, Immunoassays, Enzyme kinetics assays, Spectroscopy, Gene cloning, HPLC and Microscopy.

Final Year Research Project : Tittle "The effect of Salicylic acid on the expression of MAPK3 in response to Alternaria Blight disease in *Brassica juncea"*.

Bose Institute , Kolkata

Integrated MSc-PhD in Life Sciences   2013-2015

 CGPA : 7.096/10.000

!st Year subjects included:
- Biochemistry
- Biophysical Chemistry
- Tools in Biochemistry
- Genetics
- Computational and system Biology

2nd Year
- Plant Molecular Biology and Biotechnology
- Molecular cell Biology
- Biostatistics
- Thesis

Specialization : Plant Molecular Biology and Biotechnology

Thesis(MSc) **:** Screening of a F1 population of Mulberry to look for association between Nitrate Reductase Activity and Yield.

Paper published : "Light regulation of nitrate reductase gene expression and enzymatic activity in the leaves of mulberry**" In** Indian journal of Biochemistry & Biophysics, VoL 55, Feb 2018, pp. 62-66

SKILLS & ACHIEVEMENTS:
Computer skill : Knowledge and experience of Windows 7, MS Word, MS Excel, PowerPoint, Fortran.

Teamwork : I have successfully undertaken various team projects within both academic(ex: NSS-National service scheme) and non-academic environments.

CSIR NET LS (20th Dec. 2015) : Rank- 034/1031 , Roll number-344636

Work Experience : Business analyst at PBOplus consultation services pvt. ltd. (2016)

                    Part time faculty at ByJu's (2018)

ACTIVITIES AND INTERESTS:
- **Travelling :** I have a keen interest in visiting the places with diverse array of plant varieties as last visited was Sir JC Bose Botanical garden with astonishing 'THE GREAT BANYAN TREE' native of India ,age of more than 250 years, largest in Asia, occupying 3.9 Acres of land.
- **Sports :** I enjoy playing volleyball, hockey.