

Akshyaa Sharma

Female

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OBJECTIVE -

Recent post-graduate in Microbiology looking for an opportunity to be a part of an organization which helps me in improving my skills and work diligently for the growth of the organization and myself.

ACADEMIC QUALIFICATIONS

Year	Degree	Institute	CGPA /Percentage
2020	M.Sc (Microbiology)	Amity University, Noida	8.38/10
2018	B.Sc Hons(Microbiology)	Lovely Professional University, Phagwara	9.1/10
2015	XII(CBSE)	The Senior Study II, Amritsar	82%
2013	X(CBSE)	The Senior Study II, Amritsar	10/10

INTERSHIPS/TRAINING

- Central Research Institute, Kasauli 1stJuly,2017-31stJuly,2017
- Oil and Natural Gas Corporation, Gujarat 3rdJune,2019-5thMay,2019

- **Vaccine preparation** -Undergone 1 month of Industrial Training at Central Research Institute, Kasauli. The main objective of the training was to provide knowledge about the process of vaccine preparation for different bacterial as well as viral diseases. The training covered various sections which included vaccine preparation against DPT, polio, influenza, antisera etc.
- **Biocide treatment designing**-The presence of general aerobic bacteria was tested in the eastern onshore samples. Minimum inhibition concentration was determined and accordingly the concentration of the biocide was decided.

ACADEMIC PROJECTS

- Early vermicompost production using microorganisms August,2016-May,2018

The main objective of the project was to enhance the normal NPK content of the vermicompost by treating the compost with a consortium under different conditions. A control was also set up to compare the newly composed compost. Apart from that the time for compost preparation was also reduced.

- Development of low cost media for *Piriformospora indica* growth and studying the effect of nanoparticle intervention in symbiotically associated host plants. December,2020-May.2020

The main objective of the project was to develop a new growth media for *Piriformospora indica* using paddy straw waste from rice fields. The host plants were grown using hydroponics.

TECHNICAL SKILLS

Microbiology Lab apparatus handling, Specimen Handling, Biochemical tests, PCR, , MIC and Kill time studies, MTT assay, Microbial Limit Test, Protein isolation, Nucleic Acid Isolation, Spectrophotometer, SDS Page, Bioinformatic tool operation, Hydroponics, MS office, Good typing speed.

POSITIONS OF RESPONSIBILITY

- Student council member – The Senior Study 2013-2015
- Coordinated Innovative Strategies for Sustainable Water Management (ISSWM), LPU 2017-2018

EXTRA-CURRICULAR ACTIVITIES

Achievements

- State topper in 10th Std examination.
- Academic topper in Bachelor's degree.
- Received prizes in declamation competitions in school.
- Received prizes for recitals in school.

**Workshops/ Conference/
Industrial visits/ Project
exhibitions.**

- Attended workshop on Entrepreneurship, Lovely Professional University.
- Attended Innovative Strategies for Sustainable Water Management (ISSWM), Lovely Professional University.
- Visited NDRI, Karnal.
- Participated in project expo, Lovely Professional University.
- Participated in Spectra project fair, Lovely Professional University.

LANGUAGE PROFICIENCY

- English
- Hindi
- Punjabi
- German(Beginner Level)

PERSONAL DETAILS

- Date of Birth : 15th April,1997
 - Nationality : Indian
 - Address : 145/12 near D.A.V school inside hathi gate, Amritsar, Punjab.
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