

SHRUTI SHARMA

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CAREER OBJECTIVE -

To start a career in a challenging and growth-orientation organization to effectively use skills and excel as a professional to achieve heights and recognition in a career.

EDUCATION -

- Msc.Biotechnology.
School of life science ,North Maharashtra University Jalgaon.
CGPA-7.74 [63.95%] completed in-2023.
- Bsc.Biotechnology
P.O.Nahata college Bhusawal,Dist Jalgaon ,north Maharashtra university Jalgaon.
CGPA -9.30 [80.98%] completed in-2021
- HSC
D.L. Arts, commerce and Science Junior college
Bhusawal,Dist.Jalgaon.
Percentage-60.15% completed in -2018
- SSC
D.L.Hind High School Bhusawal,Dist Jalgaon.
percentage-80.00% completed in- 2016

PROJECTS -

Biodegradable Bioplastic production from Banana pseudostem —
Duration : january 2023- May 2023

Led a research team in the development of biodegradable bioplastic which is made from sustainable sources like BANANA PSEUDOSTEM. Conducted extensive literature reviews to identify the most promising material and processing method engineered a novel extrusion process to produce biodegradable bioplastic film with improved tensile strength and durability.

Key Achievement-

Successfully created a bioplastic formulation with degradation rate of 90% within 180 days in controlled composting condition.

Skill Utilized -

- Material science
- Extrusion process Engineering
- Technical writing and Presentation
- Compliance with environmental standards
- Capable of working in a team or individually and taking up responsibility .
- Positive attitude and innovative thinking

LABORATORY SKILLS -

- Biochemical and Immunological techniques.
- Microbiological techniques.
- Molecular Biology and recombinant DNA technology.
- Plant tissue culture.
- Fermentation techniques.
- identification and isolation of fungi from spoiled food material

AWARDS -

- 3rd price, University level Avishkar 2022- 2023 competition.
Title: 'my farm my laboratory'.
increase the fertility of soil by using algae and cyanobacteria and check the fertility of soil in the farm by using soil respiration techniques.
- 2nd price, National science day poster presentation and Exhibition 2021-2022.
- participated in a PPT presentation and seminar on a research paper.

INTERNSHIP -

- Position: Qc and R and D intern.
Company: New Panam Herbs Pvt.Ltd.
Duration: 6 months .
- Conducted Analytical process of product (final goods or raw material)
- Gained experience - Titration, Normality, purity, acid value.
Instrument handling,
Sterilization methods,
Documentation writing.

HOBBIES -

- Reading books
- Writing
- Listening songs
- learn the new things

LANGUAGES -

English,Marathi,Hindi

