

SHYSIDHA SIDHIQUE

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PERSONAL DETAILS

Date of Birth : 08/11/1992

Marital Status : MARRIED

Nationality : INDIAN

SKILLS

Highly talented entry-level chemistry graduate. Exceptionally innovative thinking ability, with absolute result striving nature. A thorough study of underlying principles of chemistry.

Enough exposure to various sub-disciplines in chemistry such as physical, inorganic, analytical, bio, nuclear, and organic chemistry. Profound knowledge of apparatus, tools, and machinery used in chemical experimentation. familiar with the procedures and techniques used at chemical laboratories.

Expertise in using documenting tools such as MS office. Expertise in using the internet platform. Well versed MS Excel, MS Word, MS Access, MS PowerPoint Efficient in Internet and Basic Computer .

Sincere, hardworking and honest

Ability to grasp new skills quickly

Team work skills

Can execute a task within given time

OBJECTIVE

To obtain a challenging position that will have a scope for continuous growth and will enforce me to use my optimum capabilities and to contribute my technical and functional skills towards the growth of the organization and continually improve myself towards perfection.

EXPERIENCE

CENTRAL INSTITUTE OF FISHERIES TECHNOLOGY, COCHIN, KERALA

CHEMICAL ANALYST TRAINEE

APRIL 2016 - JULY 2016

Extraction of chitin from shrimp shell and its quality evaluation"

The present study was undertaken to extract chitin by chemical method. Several treatments of acid and alkali were taken into consideration to determine effective concentration for yielding optimum output. The shells from shrimp were used as raw material in the experiment. Extraction of chitin using different concentration of commercial grade sodium hydroxide in deproteinization step and 1.25N hydrochloric acid in demineralization step in laboratory scale was done. In this study mainly focused on the extraction of chitin from shrimp shell and its quality evaluation.

THE TRAVANCORE COCHIN CHEMICALS LTD

CHEMICAL ANALYST TRAINEE

JANUARY 2017 - JUNE 2017

Complete analysis of Brine samples for Ca, Mg, Fe, SO₄, PH, NaCl, NaOH, Na₂CO₃, NaHCO₃, NaClO₃, Na₂SO₄ etc. Complete analysis of Raw salt. (Ca, Mg, SO₄, insoluble residues & moisture), Incoming chemicals such as Barium Carbonate, Soda Ash and sodium meta Bisulphite. Complete analysis of water samples for Ca, Mg, Total Hardness, Cl⁻, Fe, SiO₂ etc. Complete analysis of products like NaOH Lye, Caustic Soda flakes, HCl acid and soda Bleach. Spectrophotometer, analysis of Ca Hardness, Fe, Al and SiO₂ in Brine samples.

Common treatments for paper objects include: surface cleaning to reduce superficial dirt; reduction of surface mold; removal of self-adhesive tapes; separation from harmful mounts and laminations; consolidation of flaking or friable media; aqueous treatment to reduce acidity, deterioration products, discoloration, and stains; alkalization to inhibit future degradation; mending tears; filling areas of loss; and lining fragile or fragmentary objects with japanese paper.

cosmetic treatments for works with aesthetic value may include: stain reduction, filling losses with matching paper, and inpainting (retouching) areas of image loss. these non-essential treatments are performed at the discretion of the client. various rehousing options are available, including polyester film encapsulation and museum-quality mounting and matting.

EDUCATION

CHS HILL PALACE SEPTEMBER 2021
PG DIPLOMA CONSERVATION

MES COLLEGE MARCH 2014
MASTER OF SCIENCE (M.S) BIOCHEMISTRY

ST.XAVIERS COLLEGE FOR WOMEN MARCH 2014
BACHELOR OF SCIENCE (B.S) CHEMISTRY

THE ALWAYE SETTLEMENT HIGHER SECONDARY SCHOOL
HIGH SCHOOL DIPLOMA MARCH 2011

ACHIEVEMENTS & AWARDS

Attending International workshop on "Preventive Conservation and First-Aid for Archaeological Collection

DECLARATION

I do hereby declare that above particulars of information and facts stated are true, correct and complete to the best of my knowledge and belief

SHYSIDHA SIDHIQUE