

Richa Upadhyay

Vill.- Lakhi nepali bosti P. O. - Jonai Dist. - Dhemaji, Assam 787060
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Objective

I am seeking a role which allows me to continue learning and perfecting my skills as I provide high-quality work and encourages me to flourish as a good chemist.

Education

Central University of Gujarat

2020

M.Sc chemical science

8.75

Arya Vidyapeeth College, Gauhati

2018

B.Sc

66%

Brahmaputra Valley Academy (under AHSEC)

2014

Higher Secondary(HS)

80.4%

Fransalian High School, Jonai. (SEBA)

2012

High School Leaving Certificate (HSLC)

80.3%

Skill

Laboratory works

Effective Communication

Capable of using M.S word, office, excel.

Writing

Critical thinking

Have hands on experience in TGA, NMR, FTIR, DLS analysis

Projects

Removal of hexavalent chromium from aqueous solution by chelating resin.

Hexavalent chromium is carcinogenic heavy metal present in water bodies. The objective of this work was to remove Cr(VI) by adsorption with the help of polymeric resins like Dowex retardion and Amberlite.

Preparation and characterization of magnetite capped MFPR.

MFPR stands for Melamine Formaldehyde Polyvinyl Pyrrolidone Resin. It was first prepared by Proff. Man Singh et al in the year 2008. MFPR is a transparent synthetic resin that can be used extensively as glass adhesive. It also has the potential to immobilize bacteria. In this work, I have impregnated magnetite particles to the MFPR which itself is an excellent adhesive. The newly created SANM (Super Adhesive Nano Material) possesses higher thermal stability than MFPR.

Language

Hindi

English

Assamese

Bangla

Nepali

Interests

Teaching
Yoga
Dance
Painting

Activities

Have organized Farewell and Freshermen social programmes in college and university
Participated in an national webiner on "Discovery and development of drugs in India" organized by Patliputra University,Patna.
Have also received second prize in block level science model making competition organized by Assam Science, Technology and Environment Council, Guwahati.
Have done certified course on kathak dance from Jonai Sangeet Vidyalaya affiliated to Prayag Sangeet Samiti, Allahabad.
Have done two years of diploma in painting from Ankan Kala Bibhag of Bangiya Sangeet Parishad affiliated to Rabindra Bharti University, Calcutta.

Personal Details

Date of Birth : 25/08/1995
Nationality : Indian
Father's name : Bhoj Kumar Upadhyay

Reference

Proff. Man Singh - "Central University of Gujarat"
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