Accepted Manuscript

Title: Low cost zwitterionic adsorbent coating for treatment of anionic and cationic dyes

Authors: Syahida Farhan Azha, Muhamad Sharafee Shamsudin, Mohammad Shahadat, Suzylawati Ismail

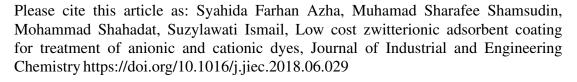
PII: S1226-086X(18)30320-4

DOI: https://doi.org/10.1016/j.jiec.2018.06.029

Reference: JIEC 4062

To appear in:

Received date: 14-2-2018 Revised date: 19-5-2018 Accepted date: 25-6-2018



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Low cost zwitterionic adsorbent coating for treatment of anionic and cationic dyes

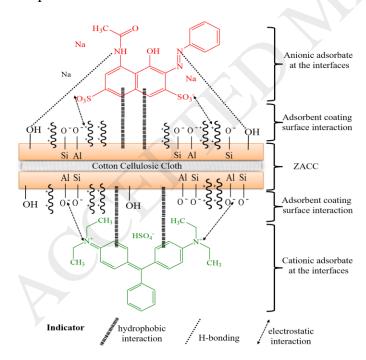
Syahida Farhan Azha^a, Muhamad Sharafee Shamsudin^a, Mohammad Shahadat^{b**}, Suzylawati Ismail^{a*}

*School of Chemical Engineering, University Sains Malaysia, Engineering Campus, 14300 Nibong Tebal, Penang, Malaysia.

Department of Biochemical Engineering & Biotechnology, Indian Institute of Technology, IIT Delhi, 110016 India.

*Corresponding Authors: chsuzy@usm.my, mdshahadat93@gmail.com

Graphical abstract



Possible adsorption mechanism of BG and AR1 dyes on the ZACC

Download English Version:

https://daneshyari.com/en/article/11009356

Download Persian Version:

https://daneshyari.com/article/11009356

<u>Daneshyari.com</u>