



SDI Review Form 1.6

Journal Name:	Asian Journal of Physical and Chemical Sciences
Manuscript Number:	Ms_AJOPACS-39338
Title of the Manuscript:	Sorption Studies of Dyestuffs on Low Cost Adsorbent
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<ul style="list-style-type: none"> - In the Introduction section, it is necessary to justify why these dyestuffs were selected to carry out sorption studies. - In the Materials and Methods section, it is necessary to explain why adsorbent to ZnCl₂ ratio was selected. - If dye molecular structures are going to be shown in the manuscript then references about their properties must be mentioned in the text in order to have a better background of these substances and to enhance discussion of results. - About characterization of the adsorbents, it is necessary to explain the presence of Si and P compounds on UPKS and PKS-AC materials. - Orange G and phenol red are cationic dyes? Authors must give more reasons to explain different behaviour of dye sorption as a function of pH. - Isotherm data should be presented in the manuscript as a graph of q_e vs C_e in order to see the form of dye sorption equilibrium. - Authors must conclude about positive or negative effects on dye sorption by all parameters under study. 	
Minor REVISION comments	<ul style="list-style-type: none"> - In the Batch adsorption studies section it is necessary to indicate analytical method and the specific wavelengths used for dye analyses. - Improve resolution of FTIR spectra. - R_L values are difficult to find on Tables 4 and 5. - A few grammar and typographical errors all over the manuscript must be corrected. 	
Optional/General comments		

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