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Journal Name:	**Asian Journal of Physical and Chemical Sciences**
Manuscript Number:	**Ms_AJOPACS_43892**
Title of the Manuscript:	**Adsorption of Methylene Blue from Aqueous Solution using Locust Bean Gum graft Copolymer-Bentonite Composite.**
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:

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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	1. The aim of this work should be clearly explained in the introduction? 2. In the method part: Add the relevant references concerning the preparation of composite gels LBG-g poly(DADMAC-co-AMPS) and LBG-g poly(DADMAC -co-AMPS) gel/BNT 3. Add also a reference in the adsorption part? 4. Give the physico-chemical properties of methylene blue (MB) used in adsorption measurements. 5. Justify the attribution of IR absorption bands (fig.1)? 6. In FESEM Analysis, what is the porosity rate of the different composites? 7. What is the value of the specific surface area of composites (m^2/g)?(use Langmuir isotherm) 8. Explain the amorphous nature of the LBG-g-poly composite (DADMAC-co- AMPS)(Fig.4)? 9. In Figure 5, the author must explain the different adsorption stage appearing in the curve??? () 10. The equilibrium time relative to adsorbed quantities (65.09 and 70.89 mg/g) is between 500 and 700 minutes. Why did you choose 700 minutes??? 11. Add Dubinin-Radushkevich Isotherm Model, to confirm the physical adsorption nature? 12. What is the mean free energy of adsorption (E, kJ / mol) 13. Give the diffusion coefficient ($D=cm^2/s$) of methylene blue (MB) during adsorption on different composites? 14. Add the kinetic model of intraparticle diffusion model to explain the adsorption mechanism?	
Minor REVISION comments		
Optional/General comments	**The author has presented an excellent work on all aspects: originality, scientific and editorial.** **Very interesting work.**	

Reviewer Details:

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