1. **What was the load capacity of Ag on the composite?**

Ans: We really appreciate your valuable inputs. 1 mM of $AgNO_3$ was added ; hence nearly 170 mg to the composites

2. The resolution of all figures should be improved. Besides, the font size should be increased in many figures. The EDX in figure 2 should be revised.

Ans: Thank you for your suggestions, resolution of all figures is improved and the EDX figure is revised

3. Did the authors consider the effect of water matrix on Cd ions removal? Such as various anion ions.

Ans: The sole objective of the research was to evaluate the efficacy of the synthesized nanobiocomposites towards cadmium, hence other anion ions were not considered for this particular study

4. What was the reason and mechanism for the improvement of CS-KAC-Ag compared to KAC? The discussion should be enriched and deepened.

Ans: We really appreciate your inputs and suggestion. A separate Section -4.8 (Adsorption Mechanism) is introduced with pictorial explanation Figure 11a. Moreover a plot (Figure 11b) depicting the comparison of % removal of Cd^2 using KAC and CS-KAC-Ag is also added.

5. The inset table of Figure 9 should indicate the % removal.

Ans: Thank you for your valuable inputs. **% Removal** is indicated in the inset table.