Reviewer -1

1) General: It is interesting results for the cadmium removal by CS-KAC-Ag. However, I can't understand how the effects of Ag nanoparticle, KAC and CS on the removal of cadmium from aqueous solution. Are there synergistic effects of these three materials to promote the removal reaction? You should write the discussion for removal mechanism using CS-KAC-Ag, especially difference using only KAC, Ag-nanoparticle and chitosan.

Ans: Many thanks for your valuable inputs. We have added a separate Section 4.8 'Adsorption Mechanism' and explained adsorption mechanism with a schematic diagram. We also added a comparison graphical plot (percentage removal) of kenaf based activated carbon (KAC) and nanobiocomposite (CS-KAC-Ag)

2) General: Units used in this paper should be unified. "ml"→"mL", "mg/L"→"mg•L-1", "k1"→"k1", etc.

Ans: Thank you, changes are made in the revised manuscript and the changes are highlighted in red.

3) General: "Removal rate"→"Removal"

Ans: Thank you, changes are made in the revised manuscript and highlighted in red

4) General: You should reconsider the effective digit in this paper.

Ans: Thank you, changes are made in the revised manuscript and highlighted in red

5) Figures: 1, 7, 8, 9 and 10 are obscure. You should draw the frame of graphs,

use bigger numerical characters and plots, insert the unit into parenthesis. Especially,

figure 5 is very obscure. You should become the bigger graphs, add the labels of X

and Y axes.

Ans: Many thanks for your valuable suggestions. Figures 1, 7, 8, 9 and 10 are replaced Units are inserted into parenthesis. Obscure Fig 5 is replaced by a clear figure.

New figures are introduced and hence there is a change in the numbering of Figures. Figure 1 of the old version of our manuscript has changed to Figure 2., Figure 2 is now Figure 3 and so on. However, all the new Figures added, and Figure numbers changed are highlighted in red.