Thank you very much for your kind response.

Currently I am working on bio-nanocomposite. Particularly on Chitosan based membranes and beads. My work is also based on the synthesis of nano-hybrids for environmental clean -up purpose. The nanohybrid we synthesized is based on Amidoxime modified sepiolite (clay). Our aim is to use this nanohybrid as filler in chitosan to improve its properties. Currently our group is focusing on the removal of textile dyes and heavy metals from industrial waste by using above mentioned nanohybrid in powder form and with the support of chitosan. In Pakistan we are facing environmental issues, most importantly, large amount of arsenic was found in our ground water. Initial results showed that this material have adsorptive tendency towards copper ions and some textile dyes (methylene blue).

I am also engaged in a group who has affiliation with French university (University Savoie mont blanc) under Pak-French program, we are working on chitosan based beads formation through periling technique for industrial purposes. In short my focus is on synthesizing environmentally eco-friendly bio-nanocompoisites to replace petroleum based materials.

I am pleased to inform you that I have expertise to run atomic absorption and UV-visible spectrophotomer. I can interpret SEM, IR and TGA results very well. I also studied all basic and advance course during my MPhil course work (Transcript is attached). I can also use scientific software's such as Origin, Matlab etc.

It will be a great honor for me if we could work together.

Looking forward to work together in the future.

Thank you very much.