

Statement of Research Interest

I am Aparna Kirtania. Just in the Month of March, 2021 completed B. Sc. in Civil Engineering from the University of Dhaka International, Banani Dhaka – 1213, Bangladesh. I am a citizen of Bangladesh presently residing at Dhaka. My mother name is Putul Rani Kirtania and my father name is Amulya Kirtania. I have achieved very recently B. Sc. Engineering degree without any breakup during the program period. I am practically very much interested to build up my academic career in teaching profession. Therefore, I need to have a Master's degree from a reputed Institute like IIT. My Master's degree will help me a lot to build up my teaching career in the University of Bangladesh. As my University authority like me much due to my many extra curriculum activities. In addition to that I have been dreaming to conduct a Ph.D. program after completing Master's degree. The University authority during my student life nominated me as an Ambassador of the University. I have conducted a Research Project during my last part of B.Sc. on "A study on the electrocoagulation process in treating textile wastewater" which is previewing problem in Bangladesh. My thesis on the above subject was graded excellent by my supervisor and the examination board. According to the instruction of my supervisor sir I have collected wastewater samples from a popular lake i.e. Hatirjheel and Buriganga river adjacent to old Dhaka city from different locations. I have collected 33 water samples and analyzed in laboratory. Specially pH, DO, BOD, COD, Color, TDS, Salinity etc. Indian Education system has been accepted in the International sectors as a standard quality of education. Specially IIT has wide reputation like MIT in the world for ICT education and research. In Bangladesh anybody having degree from IIT has easy accessibility in the University teaching and research sectors. Therefore, I have been dreaming for having Master's from IIT. This achievement will help me to be included in the University teaching of Bangladesh. I tried to learn the education system and standard of IIT very often and came to know that this is the best Institute in the sector of ICT education and research in this subcontinent. Other than education, social activities for the betterment of humanity specially for the poor's in the top most sector to me. It's my moral determination to work in the field of health, household's facilities for the poor's. In addition, I have the dream to work for the children of slums at Dhaka for primary level of education within the gap period of

my service in the educational Institute. Therefore, I am highly accommodative in nature.