

Professor Kamal Aziz Ketuly Erasmus+ ICM project report visit to University of Glasgow, Scotland, UK for the period of 1st to 10th July 2019.

ERASMUS+ ICM MOBILITY PROJECT BETWEEN UNIVERSITY OF GLASGOW AND UNIVERSITY OF DUHOK.

I have been hosted for my visit by Dr. Mark Symes, senior lecturer in the School of Chemistry at University of Glasgow. During this visit, I have discussed my research interests and we agreed to continue with my existing project, the synthesis of energy saving organic proton polymers and the plans for the experimental laboratory practical work. I had to extend my visit during the summer, July and August holiday to continue with my laboratory experiments through which three new polymers were synthesised and analysed by IR and H-NMR spectroscopy. Test experiments were achieved on these three polymers by measuring their voltage and current properties and energy holding time. Samples of these three polymers were sent for the tests of their photons energy harvesting properties. Dr. Symes and I have agreed to apply for a joint research grant that we could continue in the future with the research collaboration on this project and the synthesis of other structures of these types of organic polymers and study their properties.
