ACKNOWLEDGEMENT

The author wishes to express his deep sense of gratitude to Dr. Saidul-Zafar Qureshi, under whose guidance this work was carried out.

The author is very much thankful to Prof. Wasiur Rahman, Head of the Department of Chemistry, Aligarh Muslim University, Aligarh for providing research facilities.

The invaluable help rendered by his colleagues during the preparation of the thesis is thankfully acknowledged.

Thanks are also due to the Council of Scientific and Industrial Research (India) for financial assistance.

(Issatullah)