

## **Statement of Purpose**

I am writing to express my interest for applying to the M.Tech program in the Department of Electronics and Electrical Communication Engineering ; RF and Microwave Engineering at IIT Kharagpur ,Through Indian Council for Cultural Relations (ICCR) Scholarship, the main reason that I have chosen IIT Kharagpur because the facilities available, great reputation of the Indian universities and the presence of experienced lecturers and researcher, which it clearly seen from the ranking of Indian Universities all over the world, in addition to advice from several friends, who are studied in India, which they strongly recommend me to apply.

In dismember 2017, I graduated from Sudan University of Science and Technology in Sudan with First class (CGPA 3.16 Out of 4) Bachelor honors of engineering degree in Electronics Engineering (Communication). Following my first degree I worked as teaching assistant at the same university, I became fascinated with teaching and research; therefore, I decided to purse my higher education, in January 2018 I published paper in International Journal of Engineering Trends and Technology (IJETT) – Volume 55 Number 1-January 2018, India about Design of Dual-band Microstrip Antenna with U-shaped slot, as related to my final research project in BSc. Also after that I worked as RF Engineering at Nile Center for Technology Research (NCTR) , and Wireless Engineering (BSS) at Huawei Technology Co.Ltd (Sudan),and in other department NMC Engineering ,FO department at Huawei Technology Co.Ltd ( MTN Sudan Project) .

During the time we have been working on the Graduation project, I had the opportunity to work within a research group including my project partners, in which I have gained experience for working within a research group.

It is known, that the region where I came from, North Africa, it is need a lot of work in side of science and technology to improve the life of it is own citizens and contribute to science in general all over the world. This come by following the right path of learning by educated their students of both graduate and undergraduate. For such reason, I am planning to apply for MSc abroad, to gain the experience and knowledge and transferred to new coming generations.

Getting a MSc will help in improve the environment of research in my country, help me in my teaching and working carrier which I have started , and I hope one day to became inspiration for the new generation.

Given my record of good academic achievement and strong interest in your research program, I am certain that, if I given the opportunity, I will work hard and enjoy working on the topics of research. I am confident that my experience and academic qualifications will meet your research school expectations.

Thank you for considering my application.

Yours faithfully,