

Like other children, I played with many toys, but most of them were cars, planes, and trains. Since childhood, I am always trying to learn new things. I am engaged with different kinds of professionals just for self-learning and achieving knowledge. In teenage, I communicated with some electrical worker for household wiring to observe their work activities. That experience inspired me to accomplish an **Electrical Engineering** degree.

I have completed my Bachelor of Science in Electrical and Electronic Engineering with CGPA 3.73 on a scale of 4.0 in 2016 from **American International University-Bangladesh (AIUB)**, Dhaka. A microcontroller-based circuit has designed and implemented for the final year project and thesis named "A grid-connected photovoltaic system integrated with Instant Power Supply (IPS)". It helps to achieve extensive knowledge about power systems, control systems, renewable energy technology, power electronics, and energy storage. During the project time, I performed not only as an ordinary group member but also as a motivator to finish the project on time. Our teamwork and dedication finally paid off two international publications that are ISGT Asia 2015 Thailand (DOI:10.1109/ISGT-Asia.2015.7387151) and SCOReD 2015 Malaysia (DOI: 10.1109/SCORED.2015.7449323) both are technically sponsored by IEEE.

Then, joining as a Design Engineer and Product Engineer respectively in Super Star Group and Promec, I worked there till 2018. Facing Problems and Finding solutions inspired me to focus on higher study. Suddenly, I applied and obtained a scholarship from the Chinese Government Council to pursue my Master's degree in Control Science and Engineering under the school of Automation at the Beijing Institute of Technology (BIT) in 2019.

Arriving at China mainland, I started to walk in the way of my dreams. I have joined my department as a master's candidate and met with my supervisor, who introduced me to Control Science and Engineering. As a research member, I have joined my professor's lab. I completed all academic courses with 80% marks on average and gained knowledge according to my research (Multi-agent System). In the meantime, I noticed the **ICCR scholarship India** which is a beautiful country with a great history. I have chosen **IIT Kharagpur for a master's in Electrical Engineering program**, an excellent environment for living and study. I thought about the relation between Control Science and Engineering to Electrical Engineering. I found a considerable co-relation among those fields. Regarding my continued research and knowledge, I must apply to this Program to understand real-life examples and modern technology in this field.

Besides, this applied program is one of the finest programs to make the world habitable and environment friendly. I hope this program will provide an opportunity to do something good for humanity. After completing this program and going to the job field, this knowledge and experience will help me develop my most satisfactory career.

However, the designed courses and research have made me inspired to apply to this program. Finally, I would like to thank the admission committee for reviewing my credentials. I hope to be selected as a candidate for the **IIT Kharagpur** Master's Program with a full scholarship.

Best Regards,
Sanjoy Kumar Das.