

# **AHTESHAMUL HAQUE**

## **LIST OF PUBLICATIONS**

### **1- INTERNATIONAL PATENT**

(A) - Haque Ahteshamul, “ Ballast with Circuit for detecting and eliminating an arc condition” **USA** Patent No. – 7183721, Feb 2007.  
(Citation: 3)

(B)- Haque Ahteshamul, “ Ballast with circuit for detecting and eliminating an unwanted arc condition” **Europe** Patent Application no. EP1742517.

### **2- NATIONAL PATENT**

- Ahteshamul Haque, Sheena Siddiqui, Azra Malik, Md. Danish Zunnoon, “Control of Bidirectional DC-DC Converter” 2798/DEL/2014.

### **3- CONFERENCES/WORKSHOPS/SYMPOSIA PROCEEDINGS**

1. Ahteshamul Haque, Zaheeruddin, “Research on Solar Photovoltaic (PV) Energy Conversion System: An Overview”, IET Conference on Power Control and Instrumentation, PCIE- 2013.

2. Ahteshamul Haque. Rahul Sharma, “Simulation and Analysis of Electric control system for metal halide high intensity discharge lamps.” International conference on Recent Trend in Power Electronics and instrumentation Engineering PEIE- 2014, Vol.2, pp.no 144-151

3. Ahteshamul Haque. Rahul Sharma, “Simulation and Analysis of Power Factor Correction in Electric Control System for Metal Halide HID Lamps.” International

Conference on Advances in Electrical and Electronic Engineering, Vol.4, No.2, pp.no 185-192, 2014, ISBN No. 2331-1297

4. Ahteshamul Haque. Rahul Sharma, "Design of optimum controller for electronic control system of Metal Halide-High Intensity Discharge Lamps," IEEE Conference on Engineering and Systems, May 2014.

5. A. Haque, "Evaluation of Operational Characteristics of Electronic Ballasts for Metal Halide HID Lamps", in Proc. IEEE PEDS, 2006, pp. 1-7.

6. Sachin Kumar Singh, Ahteshamul Haque, "Simulation and Analysis of Interleaved Boost converter for Solar PV application". Proceedings of National Conference on ETEEE-2015.