

# RESUME

## **DIPTO AVISHEK ROY**

#57, New Circuit House,

Eskaton Garden Road,

Ramna, Dhaka-1217

E-mail: [roy.ard96@gmail.com](mailto:roy.ard96@gmail.com)

Phone: +8801737763818



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### **Career Objective:**

To work in any challenging environment that offers the opportunity for self-improvement and to prove myself as a professional engineer so that your company/institution is benefitted.

### **Academic Qualification:**

<b>Exam Title</b>	<b>Major</b>	<b>Institute</b>	<b>Result</b>	<b>Passing Year</b>
B.Sc. Engineering	Electrical & Electronic Engineering (EEE)	American International University – Bangladesh (AIUB)	CGPA: 3.70 out of 4.00	2017
H.S.C.	Science	Dinajpur Government College	GPA: 5.00 out of 5.00	2013
S.S.C.	Science	Dinajpur Zilla School	GPA: 5.00 out of 5.00	2011

### **Thesis:**

#### **Wireless power transmission using inductive coupling and charging multiple mobile batteries:**

In this project a wireless mobile charger was implemented which follows the principal of inductive coupling. This wireless mobile charger consists of a transmitting part and a receiving part. The main objective of this project was to charge multiple mobile batteries at a time wirelessly.

### **Project:**

- 5V DC controlled adapter
- Voltage regulator
- Data encryption (Based on C and C++)

## **Computer Skills:**

- **Programming Language** : C, C++
- **Operating Systems** : Windows 95, 98, 2000, 7, 8.1, 10
- **Application Package** : Microsoft office, Microsoft Excel, Microsoft Power Point
- **Analytical Tools** : MATLAB, PSpice, Multisim, Microwind, PSIM, ExpressPCB
- **Hardware Programming** : Intel 8085, 8086, 80286 microprocessors

## **Interpersonal Skills:**

- Strong analytical and leadership skills.
- Worked at AIUB Oratory Club as a debater
- Able to adopt and interpret the new technologies and related software's quickly.
- Able to work as part of small, dynamic team tackling the challenges the respective field.
- Able to work under pressure as a self-motivated individual.
- Able to represent and report on the project and seminars well and pleasantly.

## **Language Proficiency:**

Good proficiency over English and Bengali in speaking, listening and writing.

## **Major Field of Study:**

- **Electrical and Electronic Based Courses** (e.g. Analog electronics, Digital Electronics, Electronic Devices, Industrial Electronics, Control Systems, Basic Mechanical Engineering, Digital Logic Design, Electromagnetic Fields and Waves, Power system Analysis, Power System Protection, EEE services for Buildings, Renewable Energy Technology etc.)
- **Communication Based Courses** (e.g. Telecommunication Engineering, Digital Signal Processing etc.)
- **Integrated Circuit Courses** (e.g. Microprocessors & I/O System, VLSI)

## **Technical Tour:**

- Attended to an Industrial tour at Ghorashal Power Plant, Palash, Narsingdi
- Attended to an Industrial tour at Dockyard and Engineering Works Limited, Narayanganj

## **Personal Details:**

**Person's Name** : Dipto Avishek Roy

**Father's Name** : Mahesh Chandro Roy

**Mother's Name** : Shova Rani Roy

**Date of Birth** : December 29, 1996

**Gender** : Male

**Marital Status** : Unmarried

**Nationality** : Bangladeshi

**Religion** : Hindu

**Permanent Address** : House No: 2014/2, Gunjabari, Rajbati, Dinajpur Sadar, Dinajpur

**Present Address** : #57, New Circuit House, Eskaton Garden Road, Ramna, Dhaka – 1217

**Reference:**

**Reference 01**

**Name** : Md. Enamul Kader Khan  
**Designation** : Director (Joint Secretary)  
Planning & Development Division  
**Organization** : Directorate of Primary Education  
Mirpur, Dhaka  
**Mobile** : +8801718251018  
**E-mail** : [dirplandpe@gmail.com](mailto:dirplandpe@gmail.com)

**Reference 02**

Bijoy Bhuson Paul  
Director (Joint Secretary)  
Monitoring and Evaluation Division,  
Directorate of Primary Education  
Mirpur, Dhaka  
+8801712509058  
[dirmonitordpe@gmail.com](mailto:dirmonitordpe@gmail.com)

**I do hereby declare that above information is true and correctly describes my qualifications and myself to the best of my knowledge.**

**June 18, 2018**

**Dipto Avishek Roy**