

# ISHITA PARASHAR

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## EDUCATION

Electronics and Communication Engineering	2015 – 2019	Indira Gandhi Delhi Technical University for Women	76.15%
CBSE (Class XII)	2015	St. Xavier's School, Civil Lines, Delhi	96.2 %
CBSE (Class X)	2013	St. Xavier's School, Civil Lines, Delhi	10 (CGPA)

## EXPERIENCE

- **Trainee, Tata Power Delhi Distribution Ltd.** **June '17**

**Motivation:** To design a Graphical User Interface using MATLAB for the Meter Testing Laboratory, TPDDL for spreadsheet calculations

- **Trainee, Delhi Metro Rail Corporation** **July '17**

**Motivation:** To learn how the Signaling and Telecommunication System of the Delhi Metro works.

## ACADEMIC PROJECTS

- **Smart Bin**  
A smart bin which **alerts the user** on an Android device **when the dustbin is about to get full**.  
**Technologies Used** - Arduino, MIT App Inventor, Bluetooth
- **Autonomous Wall Following and Environment Mapping Robot**  
A robot which **follows the wall**/other obstacles, and **simultaneously maps the operating environment**.  
**Technologies used:** Arduino, MATLAB, Wireless Transceiver, Ultrasonic Sensors

## ACHIEVEMENTS AND AWARDS

- Awarded the **Best All-Rounder** award in Class XII by school for all round excellence.
- Awarded **Gold Medal** 9 times by school for academic excellence.

## POSITIONS OF RESPONSIBILITY

- **General Secretary, IEEE IGDTUW:** Responsible for managing the society's events and logistics.
- **Head Coordinator (HR), Taarangana:** Managed the requirements of various events, hospitality of the judges and participants during the annual cultural fest.

## EXTRA – CURRICULAR ACTIVITIES

- **Singing:** Completed Sangeet Prabhakar from Prayag Sangeet Samiti, Allahabad in June 2014, won numerous awards during school.
- **Yoga:** Practice yoga regularly; joined Yoga classes in summer break.