

## **Report: WIE Event 3**

**Event: One Day Workshop on “MATLAB: Concepts to Applications”**

**Date: 19.07.2017**

**Venue: Digital Signal Processing Laboratory, Department of Electronics & Telecommunication Engineering, Jadavpur University, Kolkata**

A one-day Workshop on “MATLAB: Concepts to Applications” was organized by **IEEE WIE AG, Kolkata Section** at the **Digital Signal Processing Laboratory, Department of Electronics & Telecommunication Engineering, Jadavpur University** on 19.07.2017. Eighteen students from the Jodhpur Park Womens’ Polytechnic, Kolkata, attended the said workshop. The inaugural program began at 10.30 a.m. which was addressed by Dr. Sudipta Chatterjee, Chairperson, WIE. In her inaugural speech, Dr. Chatterjee emphasized on the sustenance of women engineers in their work fields. In this regard she mentioned the need for organizing such type of workshop under the banner of IEEE WIE. Dr. Manidipa Roy, Immediate past Chairperson, WIE, also inspired the students through her motivational speech. Dr. Chayanika Bose, WIE EXCOM member, was also present in the inaugural session. After the inaugural session, the students were given an overview of the entire program. The workshop was structured in such a way that the students can learn the basic commands of MATLAB and use them in various ways. In the morning session, the students learned different commands of MATLAB and used them in small programs. Lunch was provided at 1:30pm. The post lunch session started at 2:30 pm. In this session, the students were given some assignments in the areas of communication and Digital Signal Processing. The students had put their best efforts to solve these design problems in MATLAB. The volunteers helped the participants throughout the program. In the valedictory session, the certificate of participation was handed over to each of the attendees. Oral feedback was also taken from the participants. They expressed their eagerness to participate in the similar type of workshop in future. The feedback received from the students was really encouraging.



Inaugural session: WIE Chairperson Dr. Sudipta Chatterjee (middle) with other WIE members



Participants are solving the assignments using MATLAB with the help of volunteers