

**DON BOSCO INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION**  
**IEEE-DBIT STUDENT BRANCH**

**Report on Wireless System Design Workshop**

**Topic:** Report on Wireless System Design Workshop

**Date:** 18<sup>th</sup> 19<sup>th</sup> 20<sup>th</sup> January, 2019

**Time:** 9:00 a.m.-5:00 p.m.

**Venue:** Seminar Hall

**Description:**

A) First day - January 18, 2019

The session started with Ms. Ashwini Kotrasetthi and Ms. Freda Carvalo felicitating Mr. Ashok Jagatia- The head of Acevin Solutions pvt. LTD and DBIT alumni Mr. Akhil Pathak and Mr. Eric Sequeria. Mr. Ashok gave us a detailed explanation about what happens in the industry as to which of the new technologies are used. Also he introduced some important components in wireless system design. He used website Digi-Key to explain the components used in the designing. Also both designing software were installed in each laptop

B) Second Day - January 19, 2019

The second day started at 10:00a.m with an introduction to one new problem and designing the same in software. Mr. Akhil gave a problem to the participants so that the idea of the topic will be cleared. Also Mr. Eric helped the students to solve the problem and designing it on the software following to which Mr. Akhil and Mr. Eric started special session on the SMD components and solution of the problem. In this session both of them asked some questions to participants and even cleared their doubts.

### C) Third Day - January 20,2019

On the third day Akhil and Eric gave special instructions to all as it was about hardware part designing. Mr. Akhil and Mr. Eric told the participants about SMD components and soldering it on the PCB. After explaining Mr. Eric and Mr. Akhil gave components to all students to solder it on the PCB. After successful soldering of PCB by each group the main transmission part started. Many groups were successful in designing wireless model.

#### **Feedback :**

##### 1) Abhiram Pillai (SE EXTC -DBIT)



By attending WSD workshop we got a chance to work with smd type of components and we learned many technics of how to tackle a problem when we are planning to make a project. We also learned how to approach to a project and what all things are to be considered while doing a project. Thank You IEEE-DBIT for this experience .

2) Prathmesh Ranje (TE-MECH A.P.S.I.T)



First of all I would like to thank DBIT for arranging the event. It was an interesting session. I would also like to thanks Eric and Akhil as they both contributed their precious time with us. I'm from Mechanical branch but still they both helped me in clearing my maximum doubts. Also DBIT's members never gave me a feel as if I was from different college. I learned many new things about micro tech I mean the IC's which we made. I would also like to thank Acevin Solution for being the part of the workshop. Such workshops boost us to work and research more in the fields. I would love to attend such events in future. Thank you

**Vote Of Thanks-** Ms. Ashwini Kotrashetti & Ms.Freda Carvalo

**Report Prepared by:** Mr. Bhushan Bhagwat Kolhe(SE EXTC)

**Report Approved by:**

