



DON BOSCO INSTITUTE OF TECHNOLOGY, MUMBAI
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
ENGINEERING



IEEE-DBIT STUDENT BRANCH

Report on Alumni Talk by Mr. Alan Pereira

Topic: “Modern Trends in RF/Microwaves”

Date: 26th August, 2020

Time: 5:00 - 6:00 p.m.

Venue: Zoom Meeting (Online Platform)

Speaker: Mr. Alan Pereira - Technical Leader, RF Design, Nokia, Dallas, Texas, USA

Target Audience: T.E & B.E

No of participants registered:

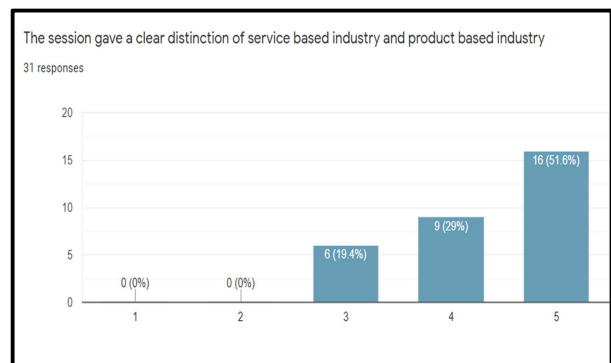
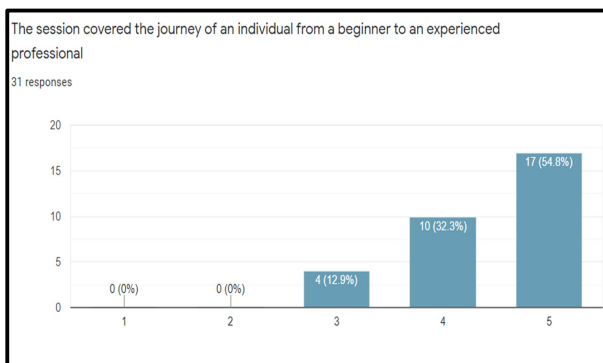
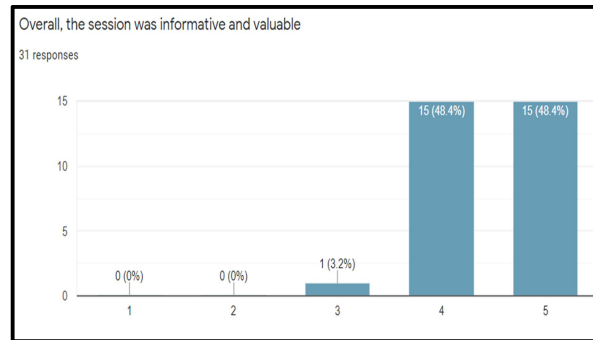
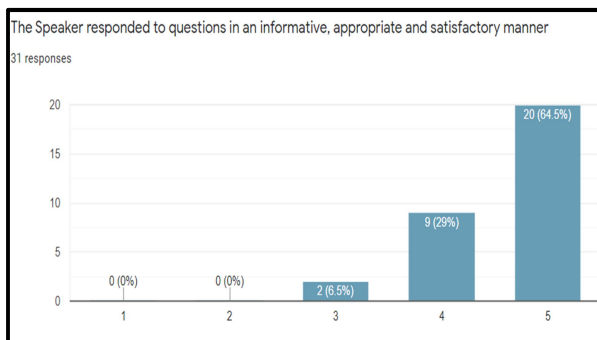
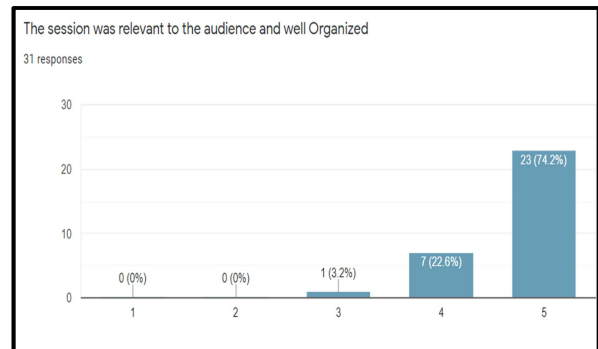
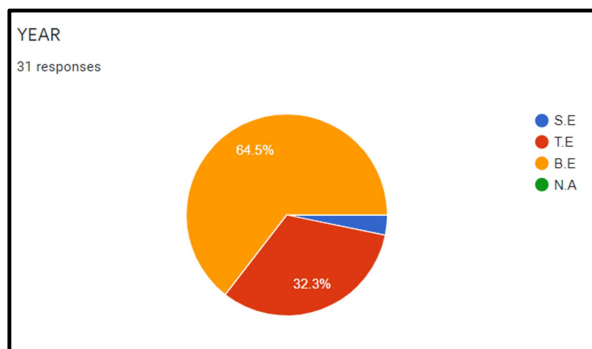
No of participants attended: 48

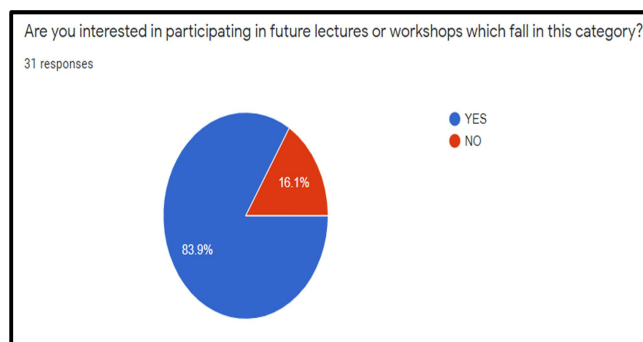
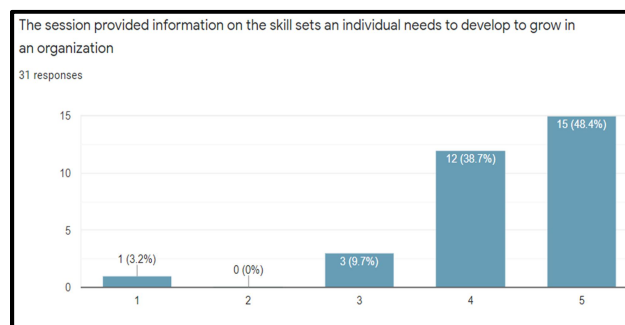
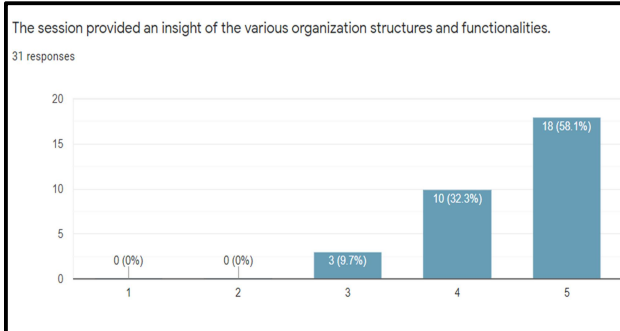
Description:

- Prof. Madhavi Pednekar in association with IEEE-MTTS Student Chapter of DBIT organized an alumni talk on “Modern Trends in RF/Microwaves” on 26th August, 2020.
- The session commenced with a welcome address by Prof. Madhavi Pednekar, Professor, EXTC Department – DBIT, followed by an introduction of the speaker Mr. Alan Pereira - Technical Leader, RF Design, Nokia.
- Following the introduction, Mr. Alan Pereira took over and started the session by giving a brief introduction about his background in the field and his education.
- Further, he continued by sharing insight on how companies are headed over more wireless applications and plans to upgrade to 5G communications.
- The speaker then proceeded by talking about the importance of EM, Microwaves and Antennas and how many choose not to pursue the respective field due its complexity.
- Further, the speaker threw light on how RF and microwaves are very complex and precise.
- He showed videos by Nokia Inc. about 5G technology, which showed its advantages and how it'll help the growing need for electronic media in the world.

- Before concluding his address, the speaker discussed about the differences between 4G and 5G and how newer devices are equipped with 5G capabilities as they consume and process larger data.
- The session was then open to a Q&A session with the participants and Mr. Pereira addressed all of them very meticulously.
- The session concluded with the vote of thanks delivered by Mr. Varun Gokhrn, Vice-Chairperson, IEEE- DBIT SB, after which the participants were requested to fill the feedback forms circulated in the WhatsApp groups.

Feedback Analysis:





Summary of Webinar Analysis:

From the above analysis we can see the overall reception to the webinar was positive. The majority of the participants were from B.E followed by the T.E. The bulk of the participants felt that the overall webinar was satisfactory and informative. As reflected by the feedback, the webinar helped many by creating awareness on the current trends in microwave engineering. A High number of the participants are interested in future webinars.

Event Poster:







ALAN PEREIRA

Technical Leader, RF Design, Nokia,
Dallas, Texas, USA
(Batch of 2008)

Alumni Talk on
**Modern Trends in
RF/Microwaves**

Date : 26/08/2020
Time : 4 PM IST

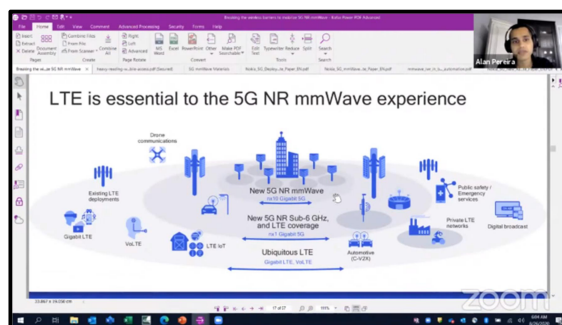
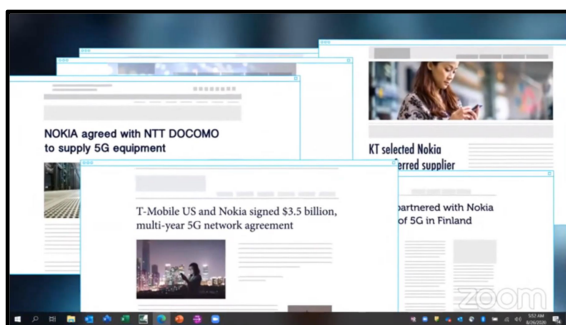
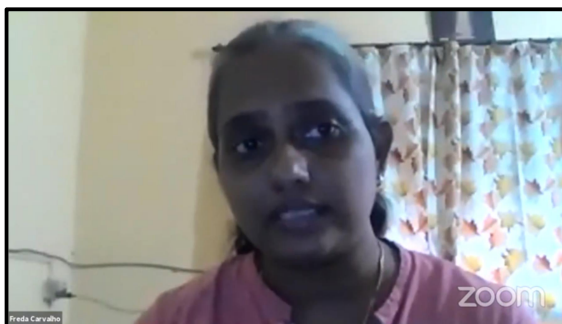
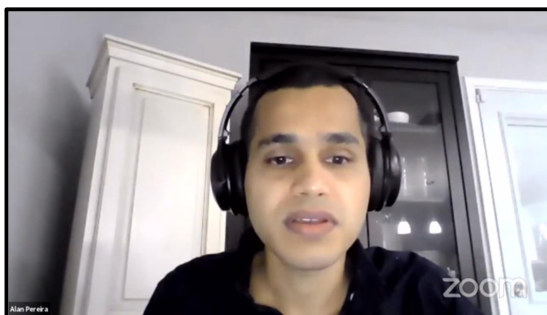
- 9 years of experience in RF Circuit Design.
- M.S. in Electrical Engineering, University of Texas at Arlington, USA.
- Expertise in Power Amplifier Designing; Specialised in Doherty Design.
- A patent registered under the title "Monitoring Health of a Predistortion System".

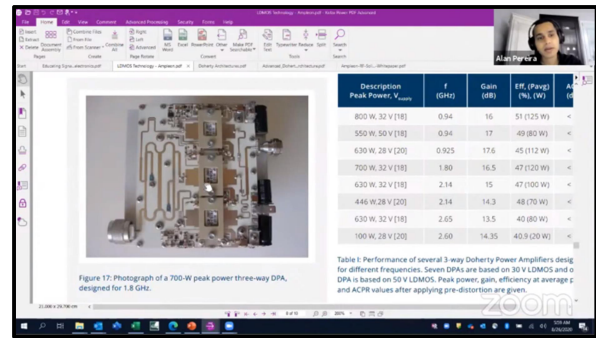
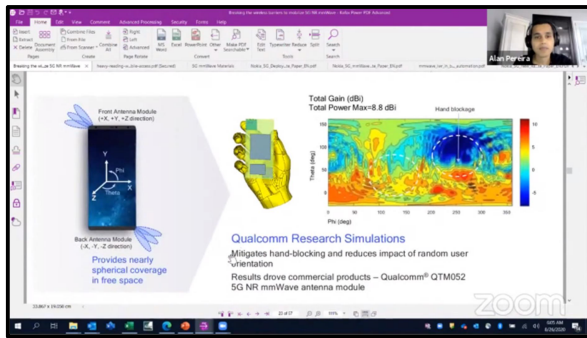
Don Bosco Institute of Technology, Mumbai

Presented by IEEE - DBIT - MTTS Student Chapter

Contact :
Varun : 93263 35190
Ajitha : 88502 80243

EVENT PICTURES:





Report Prepared by: Mr. James Robin K (Reporting Head)

Report Approved by: Ms. Gejo George (IEEE-DBIT SB Counselor)