



Don Bosco Institute of Technology

Colosseum 2021

Report on “Introduction To Microbit”

Objective:

- Introduction to Microcontrollers.
- Basics of controllers and processors.
- Learn about TinkerCad online simulator open-source software.
- How microbit is different with various sensors built on it?
- Learn hacks via some hands-on application on how to use it in real-time.
- Python codes explanation used in microbit.

Outcome:

- The participants learned about the basics of microcontrollers, various terminologies and components used, and the applications involved.
- They understood the differences between both microcontrollers and microprocessors.
- They got introduced and learned about Coding techniques involved in microbit.
- Basics of tinkercad and how to use tinkercad to do simulation of various logic gates (AND Gate, OR Gate).
- The participants were able to implement applications they have learned in this workshop.

Date and Time:

- 24th March Wednesday: 11am – 2pm
- 25th March Thursday: 11am – 2pm

Number of Registrations: 10 Teams (Team of 3)

Zoom Link:

<https://us02web.zoom.us/j/82761728357?pwd=NExIMmJEY0c4Tmpqb2VBa24rOWFzZz09>

Description:

Instructors – IEEE and IETE Team

Topics Covered

- Introduction to Microcontrollers.
- Difference between Processors and Controllers.
- Introduction to Microbit.
- Types of coding
- Few Examples

Challenges Faced

- Network Connectivity from participant's side.
- Getting an interactive Workshop Environment in the online medium to keep students engaged.

Key Factor for The Success of The Event

- Instructor conveying difficult topics in very simple manner and keeping students constantly engaged.
- On the spot doubt solving and hands-on training with Tinkercad software
- Simulation Projects completed at the end of the workshop.

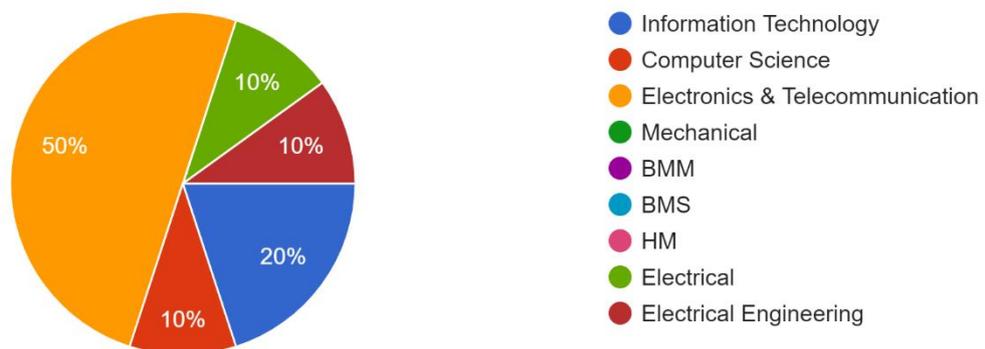
Individual Learning in Organising the Event

- Improved Communication Skills as got to interact with lot of students as well as faculties and industrial professionals.
- Team Management skills while organising the event and distributing the workload.
- Exposure to Online Technologies like Zoom and Google Meet.

Registrations:

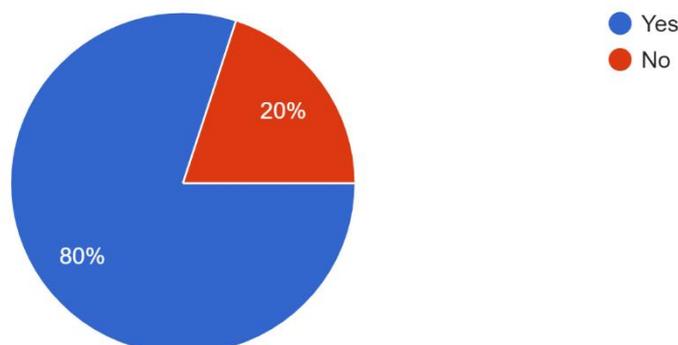
Branch

10 responses



Are you a DBIT student ?

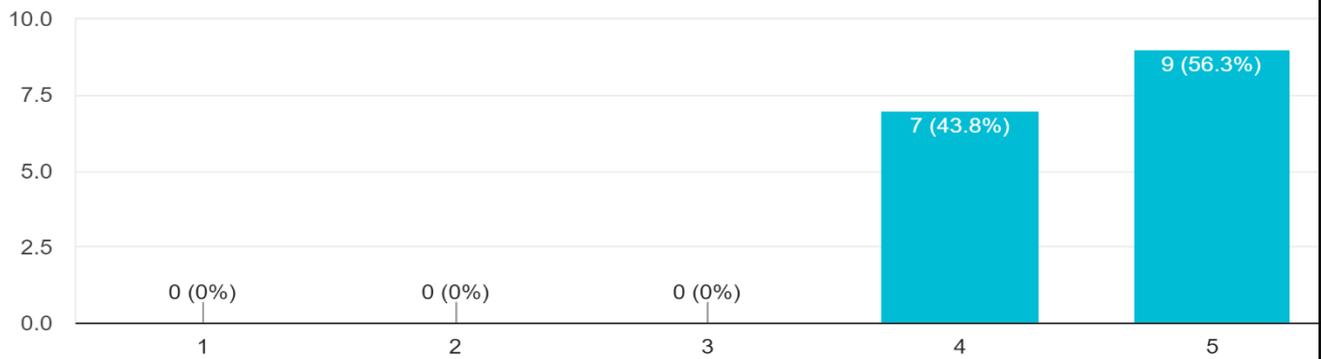
10 responses



Feedback:

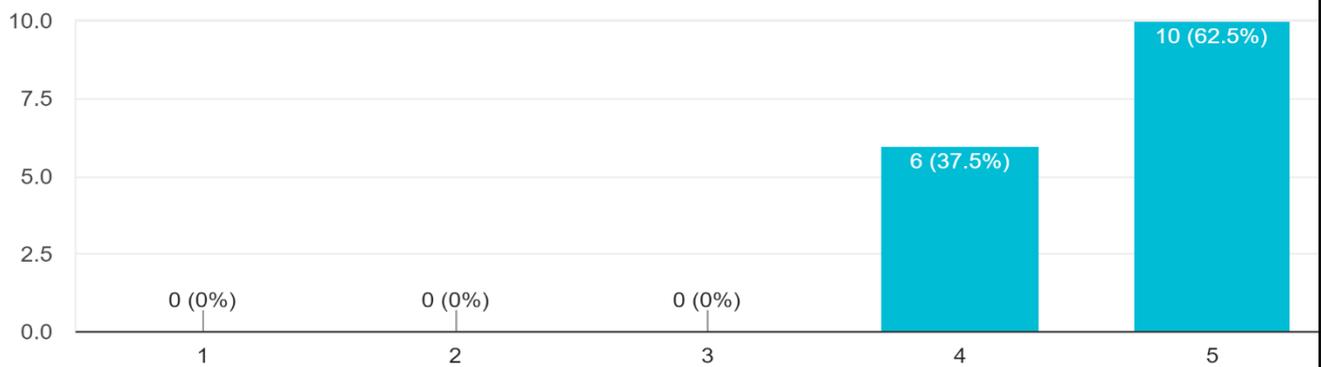
How would rate the quality of content taught by the instructor ?

16 responses



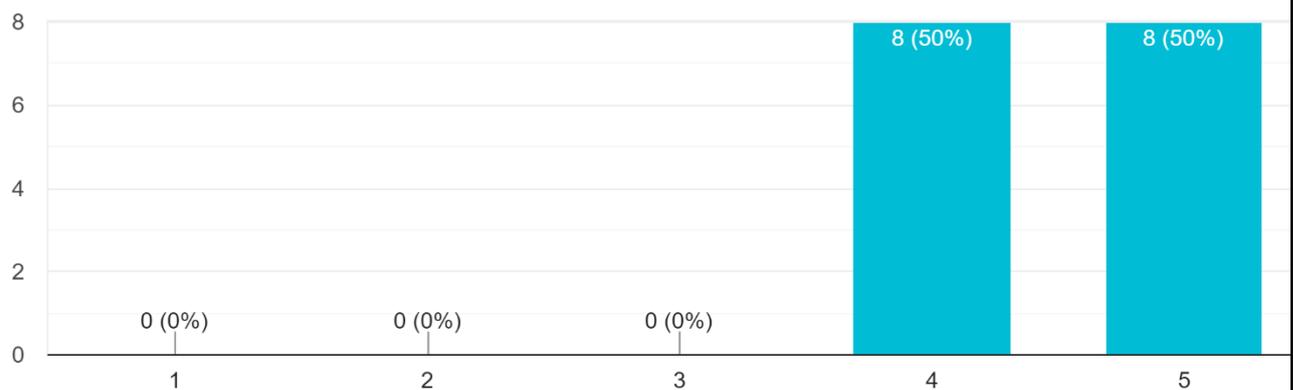
The instructor spent adequate time for questions and answered them satisfactorily

16 responses



How likely would you recommend this workshop to other students ?

16 responses



Any other feedback / suggestions

16 responses

U TAUGHT AWESOME LEARN MANY THINGS TODAY

-

The session was conducted flawlessly

The practical was interesting....

IT WAS GREAT SESSION.

Nothing

Very good

Nice workshop

Collage:

COLOSSEUM In collaboration with IEEE DBIT and IETE DBIT

INTRODUCTION TO MICRO:BIT

Date: 24th - 25th March 2021
Timings: 10a.m - 1p.m
Entry Fee for a group of 3:
₹60 for DBIT
₹99 for Non-DBIT

For more details contact
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Ajitha: +91 88502 80243

IEEE DBIT STUDENT CHAPTER
IETE INDIAN INSTITUTE OF ELECTRONICS AND TELECOMMUNICATIONS

Zoom Meeting

Ajitha Rajkumar

Kevin Geejo

22 Rishabh Giri

Sadanand Chauhan

C 30 Lovely V...

Participants (32)

Find a participant

AR Ajitha Rajkumar (Co-host, me)

Colosseum DBIT (Host)

Sadanand Chauhan

K Kevin Geejo

134_Bhavesh Barde (Co-host)

VD VELTON DSOUZA (Co-host)

22 Rishabh Giri

10_Saadiya Dafedar

15 Avin Dsouza B

165_Nikhil Rapelli

2K 26_Chetan Khadtare

4A 42 ANIKET PARATE B

AM Akhilesh Mendon

1

Invite Mute All

22:08
23-03-2021

Zoom Meeting

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22 Rishabh G...

Sadanand Chauhan

C 17 Sarika G...

C 30 Lovely V...

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1F 1301_Glen Fernandes

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165_Nikhil Rapelli

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2K 26_Chetan Khadtare

4A 42 ANIKET PARATE B

AM Akhilesh Mendon

A Ashutosh

Invite Mute All

22:14
23-03-2021

Report Prepared By: Kshitij Rao

