



Madhuben and Bhanubhai Patel Institute of Technology
PO Box No.8, Beyond GIDC Phase IV, Vithal Udyognagar – 388121,
Dist. Anand, Gujarat, INDIA. Tele Fax : +91 2692-230823
Email: principal.icctw@gmail.com; principal@mbict.ac.in
Web: www.mbit.edu.in



EVENT REPORT

ENGINEER'S DAY CELEBRATION

DATE – 15TH September, 2020

SERIES OF EXPERT TALK

1. 'FOURTH INDUSTRIAL REVOLUTION

-AI/IOT/BLOCKCHAIN'

SPEAKER - MR. GAURAV DUGGAL

(SVP TECHNOLOGY LEADER, JIO PLATFORMS LIMITED)

2. 'HOW TO DEVELOP CODE FOR EMBEDDED

HARDWARE?'

SPEAKER - DR. JIGNESH PATOLIYA

(ASSOCIATE PROFESSOR AT CHAROTAR UNIVERSITY OF SCIENCE
AND TECHNOLOGY, CHANGA)

POSTER PRESENTATION ON

“ENGINEERS ROLE IN DEVELOPMENT OF SOCIETY”

DEBATE ON

“ONLINE TEACHING- A BOON OR BANE”



GLIMPSE OF EVENTS

REC Gaurav Duggal is presenting Manali Patel and 81 more 2:28 PM You

Press Esc to exit full screen

Data Science – Machine Vision

Reliance Jio is offering 1GB of free additional 4G data to its subscribers on scanning a barcode from Dairy Milk chocolate wrapper.

On MyJio app, subscribers of Jio services are eligible of getting 1GB of free data by simply clicking a picture of a Dairy Milk Wrapper.

This wrapper has 1 GB of data inside it.

Click a photo of an empty wrapper using MyJio app to unlock the data.

Facts				
Total Visits (User Nos)	Total Uploads (User Nos)	Successful (User Nos)	Claimed (in GB)	Donated (in GB)
20,20,257	5,66,077	3,45,258	2,50,002	87,092

Artificial Intelligence and Machine Learning

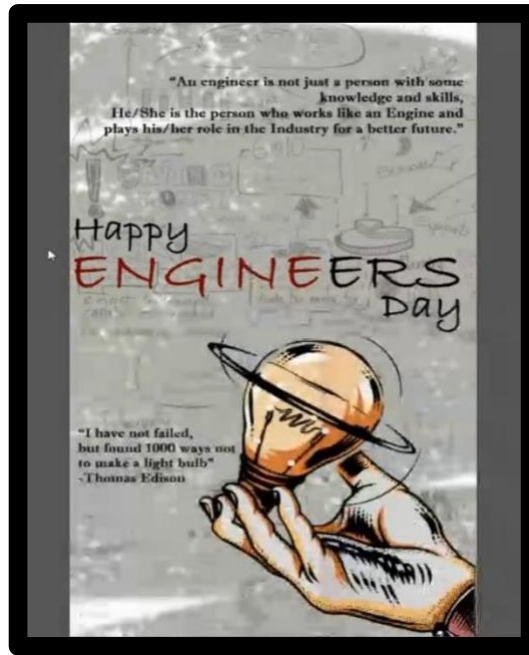
Artificial Intelligence
Machine Learning
Deep Learning

ENGINEERS DAY CELEBRATION SESSIO... ^

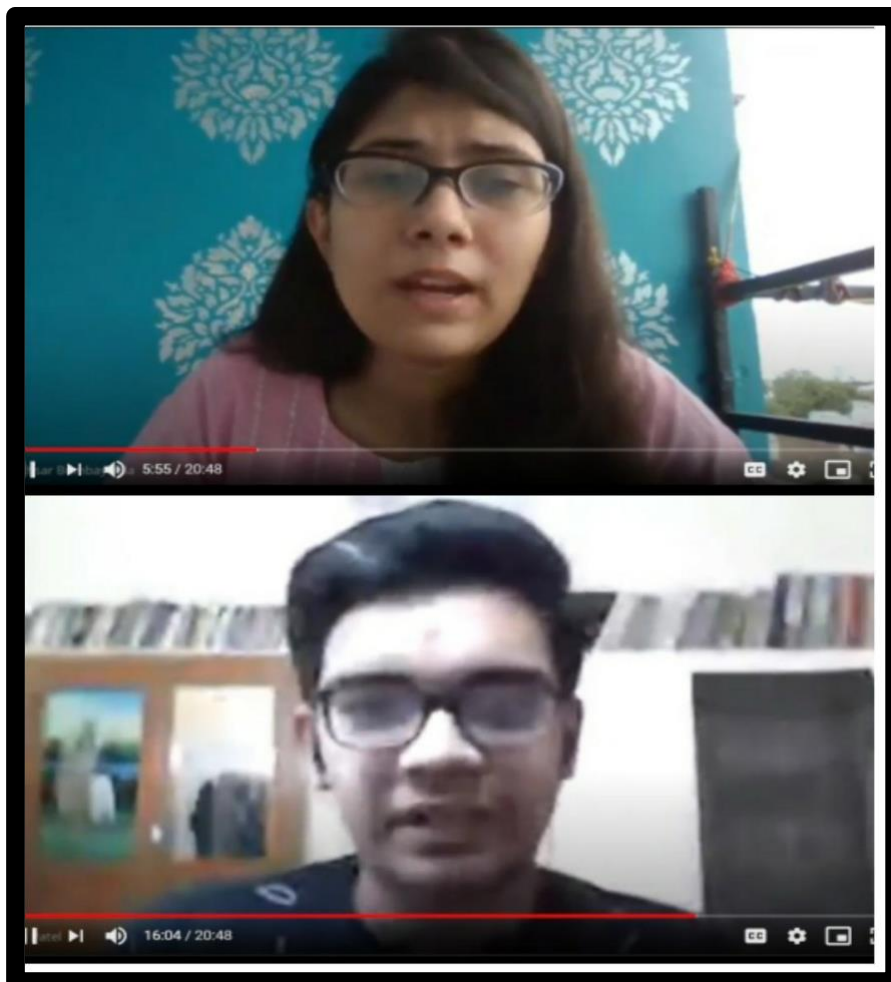
Turn on captions Gaurav Duggal is presenting

Participants: Gaurav Duggal, Neeraj Chavda, Aarsh Parmar, Vyom Kapatel

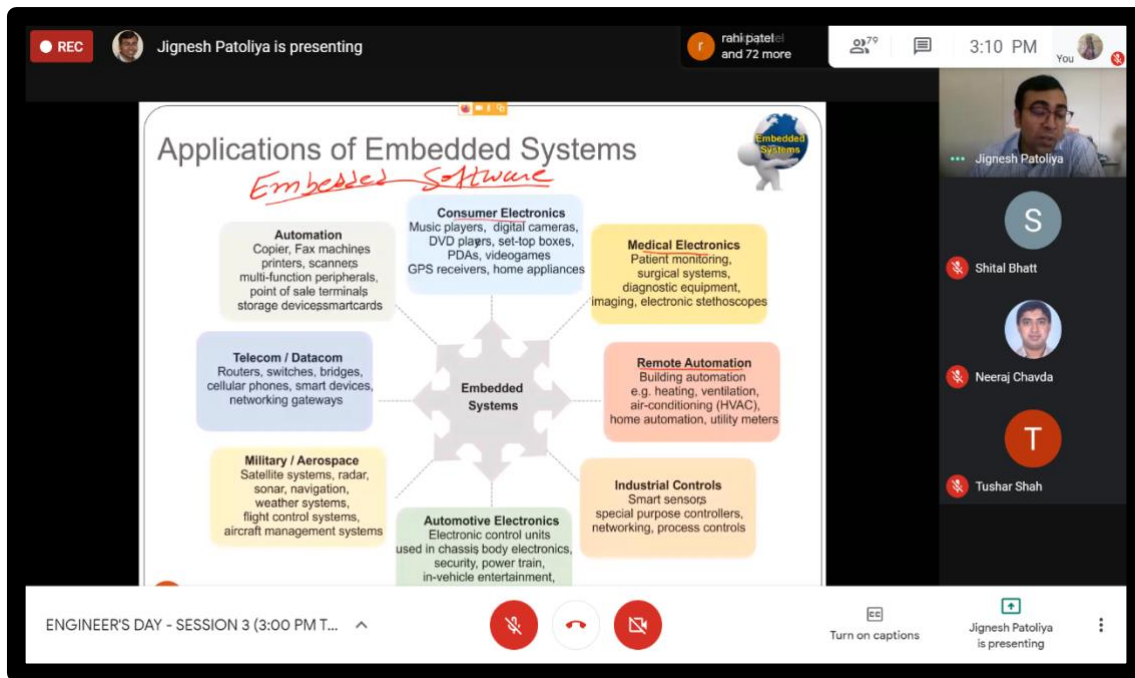
EXPERT TALK BY MR.GAURAV DUGGAL



POSTER MAKING COMPETITION



DEBATE



EXPERT TALK

1. 'FOURTH INDUSTRIAL REVOLUTION -AI/IOT/BLOCKCHAIN'

SPEAKER - MR. GAURAV DUGGAL

This expert talk was successfully organized by team ISTE under the guidance of **Prof. Keyur prajapati** and **Prof. Shital Bhatt**.

The first talks were conducted by **Mr. Gaurav Duggal**, svp technology leader at, Jio platforms limited on 15th September, 2020; on the topic of "4th industrial revolution". Total **90** people attended this expert talk.

First expert is **Mr. Gaurav Duggal**, who is senior vice president at Jio platforms limited. He has **17 years of experience** in this field. On the topic of this session he gave information about jio platforms Limited's focus area and different jio services and working. What are the benefits we get using block chain and the internet of things.

Key points of this expert talk

- **Jio focus area** are given below:
 1. **Hello jio**: voice assistant working and artificial intelligence
 2. **Jio engage**: multiple interactive activities
 3. **Jio meet**: online conference app, focus and emotion detection
- **H base computing** and working
- **Machine learning** and how it is apply
- benefits we get in future using **IOT in 5G technology**
- In **jio Chabot** how **Speech to text** translation and vise-versa is working
- **Jio interact** launch and its success features

FEEDBACK OF PARTICIPANTS:

1. Different medical related applications and projects we should develop with the help of jio. it is beneficial for us.
--prof. Shital Bhatt (faculty of mbit)
2. This gives us new ideas for the final year product.
--Parthi Bharadva (student of mbit)

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2. 'HOW TO DEVELOP CODE FOR EMBEDDED HARDWARE?'

SPEAKER - DR. JIGNESH PATOLIYA

Second talk was conducted by **Mr. Jignesh patoliya**, Associate Professor at Charotar University of Science And Technology on 15th September, 2020; on the topic of "**How to Develop Code for Embedded Hardware ?**". Total **157** people attended this expert talk.

First expert is **prof. jignesh patoliya**, who is associate professor in electronics and communication department at Charotar University of

science and technology, Changa. He has conducted more than 100 workshops in various related areas. He has also guided more than 100 projects for UG and PG Students of different institutes & universities. He has served as a reviewer in many international conferences and has published 40+ research papers in national & international journals/conferences.

Key points of this expert talk

- How **Embedded computer work and services** different example like plant watering, home automation
- **Raspberry pi** use and advantage
- **MCU and MPU** example and working
- Latest and Good different kinds of **sensors and microcontrollers**
- Use and importance of **real time operating system**
- Comparisons between different **microcontrollers**
- **Different steps** for use of this **Embedded system** are given below :
 1. Knowledge of device
 2. Definition / objective
 3. Interfacing Diagram
 4. Flowchart
 5. Code
 6. Programming language

FEEDBACK OF PARTICIPANTS

1. Very good and informative. We use it and try to use it and guide it to our students in current student projects.

--Prof. Akash Dave (faculty of mbit)

POSTER PRESENTATION ON

“ENGINEERS ROLE IN DEVELOPMENT OF SOCIETY”

Poster Presentation event was conducted on this special occasion of "Engineer's day". The competition started by quoting the great words of **Dr. M Vishweshwaraiya**.

The topic for the Poster Presentation was "On Engineer's Role in Development of Society" According to the rules, the participants were judged based on their ability to justify the poster, and present the topic included in the poster.

The judges of the competition were **Prof. Sunit Parmar** and **Prof. Pritesh Pandey**. Hear 18 Students were registered but for some reason only 3 participants were presenting Poster. **SHALINI PRASAD** was announced as the winner of the poster presentation competition in the end.

Such competitions help students to increase their confidence as well as helps them improve their communication skills. Apart from this, students get an opportunity to learn how a poster can say so much.

DEBATE ON

“ONLINE TEACHING- A BOON OR BANE”

Debate competition was conducted on this special occasion of "Engineer's day". The competition started by quoting the great words of **Dr. M Vishweshwaraiya**.

The topic for the debate competition was "**ONLINE TEACHING- A BOON OR BANE**" According to the rules, the participants were judged based on their ability to justify the topic, communication skills, utilization of given time and efficient use of statistical data relevant to the topic. The judges of the competition were **Prof. Jay Raval** and **Prof. Hina Patel**.

Om Patel and Rukhsar Bombaywala participated in the competition. The students very well presented their points in the favor as well as against the topic. Towards the end of session Prof. Hina Patel highlighted the areas in which students needed to improve. She also appreciated the students' efforts and their confidence.

RUKSHAR BOMBAYWALA was announced as the winner of the debate competition in the end. Such competitions help students to increase their confidence as well as helps them improve their communication skills. Moreover, students also get a chance to learn how to put forward their views without disrespecting others opinions.

