

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NACC Accredited Institute Affiliated to RGPV, Bhopal)

Report on

“Commemorative Day: World Telecommunication Day”

Madhav Institute of Technology & Science, Gwalior has organized a one-day webinar on “World Telecommunication Day” on May 17th, 2022 in association with ASIMOV Robotics Club with the co-ordination of Dr. Karuna Markam and Dr. Chayan Gupta.

Objective Of Webinar:

The objective of the World Telecommunication Day is to make people aware of the importance of communication and how information travels across the world. It also aims to increase awareness of how crucial communication is in our lives, and stimulate the development of technologies in the field. The webinar was held for commencement of World Telecommunication Day.

Expert Lecture Details:

The Keynote speaker was Dr. Sunanda Manke, BUIT, BU (Bhopal), her research areas based on Recent Trends Information Technologies and Electronics & Communication Engineering She is Editorial Board and Reviewer of many professional bodies.

Line of Action:

Webinar was inaugurated in the presence of Dr. Karuna Markam & Dr. Chayan Gupta (Webinar Coordinator) and Dr. Pramod Kumar Singhal (Chairman of IETE, Bhopal). Dr. Karuna Markam welcomed the honorable speaker Dr. Sunanda Manke (BU, Bhopal) and gave brief information about her to the audience. In this webinar students and faculties from different institutes had participated. In this webinar the honorable lecturer discussed the topics on modern telecommunication techniques & its importance towards society. The stunning webinar was held for an hour. In order to make easier and faster ways for telecommunication, every person should know the modern techniques of communication. That is how the World Telecommunication Day came into being. She made the webinar very interactive and cleared the doubts of students. After the completion of this interesting webinar, the vote of thanks was given by Dr. Chayan Gupta.

Participants: In this webinar, total 251 participants were registered out of which 78 participants attended the webinar. The details of participants are as follows: -

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Outcomes of the Webinar:-

- Participants acquired a descriptive idea of how to make people aware towards the telecommunication uses.
- Participants gained wisdom over different techniques of telecommunication and its importance in future.
- Participants were also enlightened on major changes required in the usage of communication techniques in order to save time.

Link for the Webinar Registration:

<https://docs.google.com/forms/d/e/1FAIpQLSeo8LVnRWNFeVCuL-1y1IZEtuShAxlLu56LhEVaHg9QpPTn w/viewform>

Link for the Webinar Google Meet:

<https://meet.google.com/qub-igwq-nnd>

Poster of the Webinar:

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.)
 A Govt. Aided UGC Autonomous & NAAC Accredited Institute, Affiliated to R.C.P.V, Bhopal

Celebrates

Commemorate on World Telecommunication Day

Register Here : 

ONLINE WEBINAR

Keynote Speaker
Dr. Sunanda Manke
 BUIT, BU (Bhopal)



Date : May 17 , 2022
 Time : 6:30 pm onwards

Student Coordinators:
 Yash Rathore (9660769581)
 Aishwary dwivedi (6266 606 593)

E-certificate to the registered participants

Faculty Coordinators:
 Dr. Karuna Markam (9425300709)
 Dr. Chayan Gupta (9406885219)

Glimpses Of the Webinar:

Browser tabs: Inbox (635) - chayanbagli@mits: X, Meet - World Telecommunic: X, (135) WhatsApp

URL: meet.google.com/qub-iqqw-nnd?pli=1&authuser=1

sunanda manke is presenting

6:39 PM | World Telecommunication Day 22

Participants: sunanda manke, DR. KARUNA MARKAM, CE1048 Jairaj Bagri, DR. P.K. SINGHAL, 0901CE201007 AISHWAR..., 0901ET211043 PRAKHAR ..., 49 others, You

Windows taskbar: Type here to search, 43°C Haze, 6:39 PM 5/17/2022

Browser tabs: Inbox (635) - chayanbagli@mits: X, Meet - World Telecommunic: X, (135) WhatsApp

URL: meet.google.com/qub-iqqw-nnd?pli=1&authuser=1

6:33 PM | World Telecommunication Day 22

Participants: DR. P.K. SINGHAL, sunanda manke, DR. KARUNA MARKAM, 0901CS213D12 YASHVANT PAL, 0901CE201014 ANIKET KIRAR, 0901ET211023 GOURAV CHANDRAVANSHI, 0901CE201007 AISHWARYA DWIVEDI, 38 others, You

Windows taskbar: Type here to search, 43°C Haze, 6:33 PM 5/17/2022


meet.google.com/qub-iqwq-ndd?pli=1&authuser=1

sunanda manke is presenting

Optical Telegraphy

- Telescope : used to read the far off signals from Telegraph Towers
- Messages encrypted and translated by semaphore signals built on top of the towers placed miles apart
- the telegrapher on the next tower reads and retransmits to next tower
- The process repeats, till the message reaches destination tower





6:50 PM | World Telecommunication Day 22


43°C Haze 6:50 PM 5/17/2022

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sunanda manke is presenting

Telephony

- Converting sound wave in to electrical signal and transmitting them through existing electric telegraph network
- Bell and Watson produced a transmitter that transferred the human voice into a pulsating electrical current that reproduced the speech in a receiver of construction similar to that of the transmitter without requiring an external source of electricity.
- This telephone was popularly called the butterstamp telephone



Activate Windows
Go to Settings to activate Windows.

7:00 PM | World Telecommunication Day 22

43°C Haze 7:00 PM 5/17/2022

sunanda manke is presenting

Radio Communication (Wireless Communication)

- Electromagnetic Wave Propagation (Antenna)
 - Maxwell & Faraday Theory
 - Heinrich Rudolf Hertz (1888):
 - JC Bose (1895)
- In 1897 Marconi demonstrated the transmission of radio signals at distance of 2Km
- In 1901 his radiotelegraph system transmitted radio signals across the Atlantic Ocean, from England to Newfoundland, about 1,700 miles .Only telegraphic codes were transmitted.

7:07 PM | World Telecommunication Day 22

43°C Haze 7:07 PM 5/17/2022

sunanda manke is presenting

Wireless Regions

7:10 PM | World Telecommunication Day 22

Sunset 7:10 PM 5/17/2022

sunanda manke is presenting

Summary Communication Tree

7:22 PM | World Telecommunication Day 22

37 others

You

38°C Haze 7:22 PM 5/17/2022

0901ET211043 PRAKHAR CHOUK...

0901EC211017 AMAN GUPTA

sunanda manke

DR. KARUNA MARKAM

DR. P.K. SINGHAL

0901CE201007 AISHWARYA DWIVEDI

0901EC211121 SUPRIYA GAUTAM

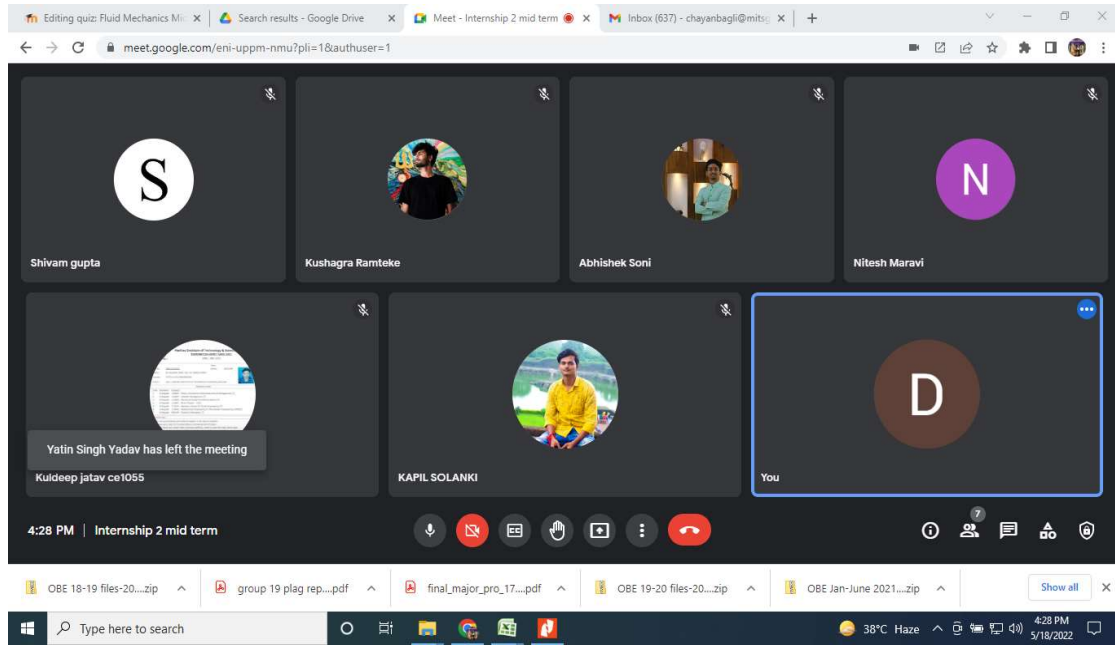
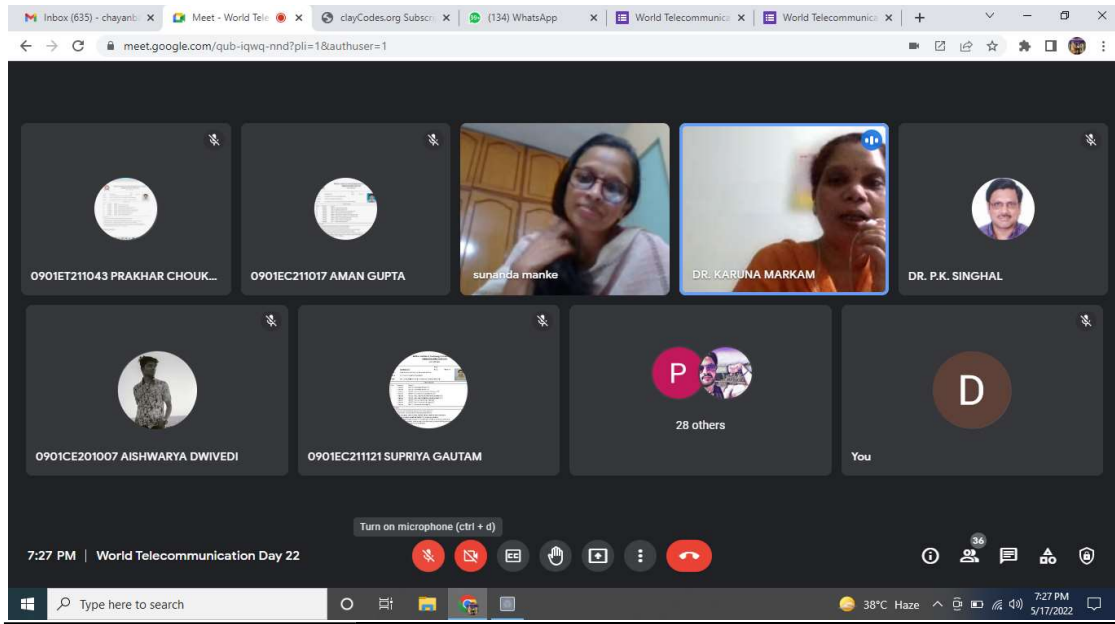
0901EE211104 SHASHANK CHANDRAVANSHI has left the meeting

30 others

You

7:25 PM | World Telecommunication Day 22

38°C Haze 7:25 PM 5/17/2022



(Dr. Karuna Markam)

Event Coordinator

(Dr. Chayan Gupta)

Event Coordinator