

Dr. Akhilesh Das Gupta Institute of Technology and Management

Report on International E-Conference on Recent Innovation in Engineering and Technology.

Dated: 26/05/2021

Department: Electronics and Communication Engineering

Venue: **Virtual Mode**

Objective: The main objective of this e-conference was to serve as an integrated platform for various ideas, disciplines & technologies related to current and future trends in Electronics & Communication Engineering.

Activities: The conference started at 9:30 AM on 26th May 2021 with registrations and an inaugural speech by our honourable Chief Guest, Dr Fernando Lopez, and Dr Elena Verdu Perez. Dr Lopez enlightened everyone by sharing his knowledge on “Template Matching Concepts and Application” whereas, Dr Elena talked about the “Basics of Neural Network and Applications”. Afterward, our CEO Sh. S.N. Garg Sir, Director Prof. (Dr) Sanjay Sharma Sir, and ECE Department HOD Mr. Rajiv Sir inspired the students and authors with their kind words.

After the inaugural ceremony, two sessions were held on both days of the conference.

DAY 1

Session 1: On Day 1, Session 1 started at 2:30 PM. The chair for the session was Dr Preeti Mishra Mam.

Session 2: Session 2 began at the same time on Day 1. For this session, our chair was Dr Surender Dhiman sir, Associate Professor of ECE dept Dr Akhilesh Das Gupta Institute of Technology and Management.

DAY 2

On Day 2 again, the sessions commenced with the same enthusiasm and zeal.

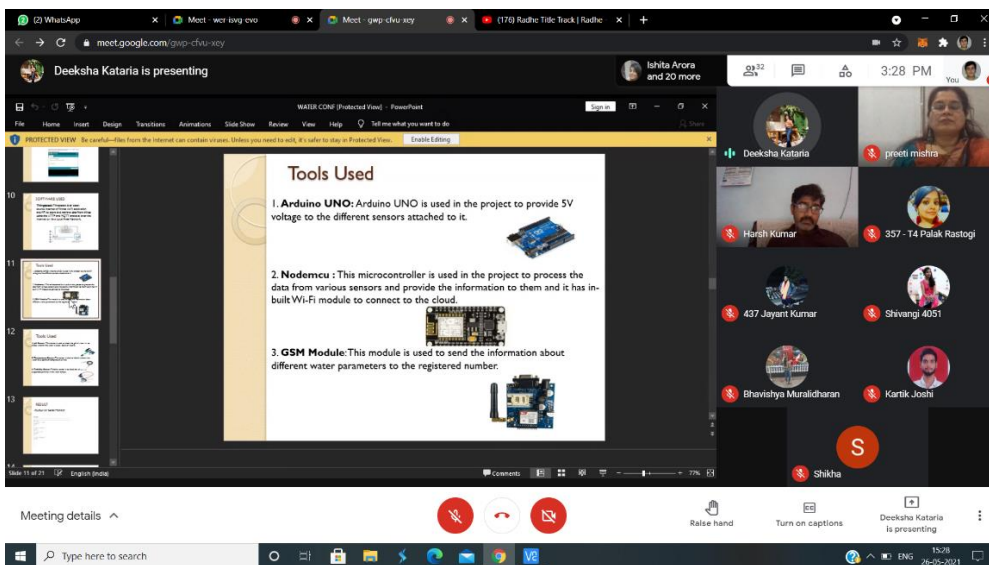
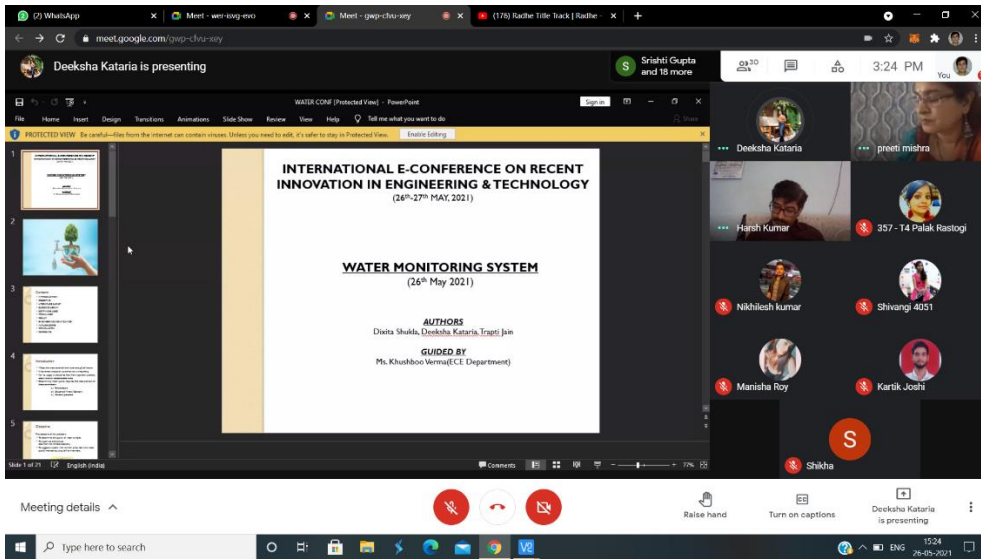
Session 1: Session 1 on Day 2 started at 10:00 AM. We had Prof. Rashmi Gupta, Professor and Link HOD in Electronics & Communication Engineering Department in NSUT East Campus (Formerly AIACTR) Govt. of NCT of Delhi as the session chair with us.

Session 2: The last session of the conference began at 1:30 PM. For this session, our chair was Dr V.K. Jain Sir, Distinguished Scientist, and Professor, Amity University, Noida.

Both the sessions held proved to be inspiring and knowledgeable. A total of 72 research papers were presented at the conference by the final year ECE Student and faculty members of ADGITM. Moving forward to the valedictory session, our keynote speaker, honourable Dr V.K. Jain sir encouraged the authors with his wise words.

Beneficiaries: ECE Faculty

Photographs:



Roopali Singh is presenting

Scope of VUI

According to Adobe's latest State of Voice Assistants Report, 32 percent of consumers now own a smart speaker, up from 14 percent in February 2018.[5]

Hey Cortana!

Siri

Meeting details

Turn on captions

Roopali Singh is presenting

15:29 26-05-2021

Roopali Singh is presenting

Introduction

An **intelligent virtual assistant** (IVA) or intelligent personal assistant (IPA) is a software agent that can perform tasks or services for an individual based on commands or questions.[2]

Virtual assistants work via:

- **Text**, including: online chat, SMS Text, e-mail or other text-based communication channel.
- **Voice**, for example with Amazon Alexa on the Amazon Echo device, Siri on an iPhone.
- By taking and/or uploading **images**.[2]

We have built a Voice Assistant and it is addressed as Iris.

Meeting details

Turn on captions

Roopali Singh is presenting

15:23 26-05-2021

Deeksha Kataria is presenting

WATER CONF [Protected View] - PowerPoint

PROTECTED VIEW: Be careful—files from the Internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View. Enable Editing

Future Scope

- Drinking Water Treatment
- Monitoring Environmental Conditions
- Disinfection of Waste Water
- can be expanded to monitor hydrologic, air pollution, industrial and agricultural production
- Remote control over water quality

Meeting details

Raise hand

Turn on captions

Deeksha Kataria is presenting

15:34 26-05-2021

This screenshot shows a Microsoft Teams meeting grid with 40 participants. The participants are arranged in a grid, with some showing video thumbnails and others showing initials. The names of the participants are listed below:

archana mongia	S N GARG	Dr Rajiv Sharma	Maninder Bir Si...	Juhi Priyani	Neeraj Singh	Dr Satjay Kumar	Surender Dhim...	Divya Shukla	
Anil Tandon	Sanjay Sharma	swati Juneja	Devi Gautam	Anusha	Juhi Priyani	Vishal Srivastava	Priyanka Jagya	Aakanksha Gupta	Aastha Jain
Ankur Sood	Rashmi Wadhwa	Deepak Vats	Dr. Divya Gang...	Harsh Kumar	Umed bargali	Anil Ghaurhal	joginder kumar	Divya Arora	Ishita Arora
Akhalesh Kumar	sonami lata	Manoranjan Ku...	Varun Jain	Ankita Sehgal	Sumit Gaur	Neha Goel	RICHA MALHOT...	neeru panghal	Suman Arora
preeti mishra	Pooja Mendhara	Manas Taneja	neha jain	Khushboo	Ved Nathi	Madhurima Sar...	4 others	You	

At the bottom of the grid, there is a meeting control bar with icons for mute, video, chat, and other functions. The system tray at the very bottom shows the time as 3:58 PM on 5/27/2021, along with system icons for network, volume, and battery.