



Department of Computer Science & Engineering
BABU BANARASI DAS
Institute of Technology & Management, Lucknow

Recognized by AICTE, Govt. of India & Affiliated to Dr. A.P.J Abdul Kalam Technical University, Lucknow, AKTU College Code=054

Event Report

on

Monitoring and Data Analysis through Intelligent Drones



BABU BANARASI DAS INSTITUTE OF TECHNOLOGY & MANAGEMENT

(Recognized by AICTE, Govt. of India & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow)

AKTU College Code-054

Department of Computer Science and Engineering

Chief Patron



Mrs. Alka Das
(Hon'ble Chairperson,
BBD Group)

Organizes
A
Webinar On

Patron



Mr. Viraj Sagar Das
(President, BBD Group)

"Monitoring and Data Analysis through Intelligent Drones"

On 6 May, 2022 At 03.00 PM

Distinguished Speaker



Dr. Anil Kumar Yadav
Assistant Professor,
School of Computing Science and Engineering,
Artificial Intelligence Division, VIT Bhopal University, Bhopal

1. Brief Description:

One day webinar entitled “**Monitoring and Data Analysis through Intelligent Drones**” on May 6th 2022 for the students of B.Tech CSE under the supervision of Dr. Anurag Tiwari (Convener; Associate Professor and Head CSE), Dr. Diwakar Yagyasen (Co-convener) and Committee Members (Mr. Rudrendra Bahadur Singh, Ms. Charu Singh, Ms. Anjali Awasthi, Mr. Himanshu Shukla).

The objective of the session was an initiative to demonstrate students about the importance of UAV Image Data Acquisition and Processing, its various applications in almost all the fields and also risks associated with it. Eminent speaker motivates and illustrated students by sharing his research work and experience how to monitor and analyses data through Drones.

2. Program Date: 6th May, 2022.

3. Venue: Virtual Platform (Zoom Meetings)

4. Recourse Person:

Dr. Anil Kumar Yadav, who is a Doctorate in Computer Science & Engineering from IFTM University, Moradabad and M. Tech in Information Technology from SATI Vidisha; is currently working as Assistant Professor with Vellore Institute of Technology-Bhopal. He has over thirteenth years’ experience in the field of academics. His core areas of expertise include reinforcement learning, guidance and control of unmanned vehicle, geo spatial artificial intelligence and Internet of Things (IoT).

5. Target Group: Students of Second, Third and Final Year, from the Computer science & Engineering department.

6. Students Strength: 90 students of Computer Science and Engineering dept.

7. Program Schedule (Session wise)

Program Outline

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

INTERACTIVE SESSION ON

“Monitoring and Data Analysis through Intelligent Drones”

Minute to Minute Schedule of the Event

On 6th May, 2022

S#	DURATION	START TIME	END TIME	PROGRAM DETAILS
1.	5 Minutes	10:00 AM	10:05 AM	Welcome of Eminent Speaker by Ms. Anjali Awasthi
2.	5 Minutes	10:05 AM	10:10 AM	Brief Introduction of eminent speaker Dr. Anil Kumar Yadav
3.	60 Minutes	10:10 AM	11:10 AM	Talk by speaker Dr. Anil Kumar Yadav
6.	5 Minutes	11:10 AM	11:15 AM	Vote of Thanks to Dr. Anil Kumar Yadav

8. Proposed Name of Faculty Coordinators:

1. Dr. Anurag Tiwari (Convener, HOD-CSE)
2. Dr. Diwakar Yagyasen (Co-Convener)

9. Committee Members:

1. Mr. Rudrendra Bahadur Singh,
2. Ms. Charu Singh,
3. Ms. Anjali Awasthi
4. Mr. Himanshu Shukla

10. Summary of the event:

To achieve the aim of **Importance of Drones**, Department of Computer Science & Engineering, BBDITM, Lucknow organized an Interactive webinar on the topic “**Monitoring and Data Analysis through Intelligent Drones**” on May 6th 2022 for the students of B. Tech CSE under the supervision of Dr. Anurag Tiwari (Convener; Associate Professor and Head CSE), Dr. Diwakar Yagyasen (Co-convener) and Committee Members (Mr. Rudrendra Bahadur Singh, Ms. Charu Singh, Ms. Anjali Awasthi, Mr. Himanshu Shukla)..

The objective of the session was an initiative to demonstrate students about the importance of UAV Image Data Acquisition and Processing, its various applications in almost all the fields and also risks associated with it. Distinguished speaker motivates and illustrated students by sharing his research work and experience how to monitor and analyses data through Drones and its future aspects. He summarized that how Drones, also known as Unmanned Aerial Vehicles (UAVs), Miniature Pilotless Aircraft or Flying Mini Robots, are rapidly growing in popularity. He also explained that how over the past few years, drones have become central to the functions of various businesses and governmental organizations and have managed to pierce through areas where certain industries were either stagnant or lagging behind.

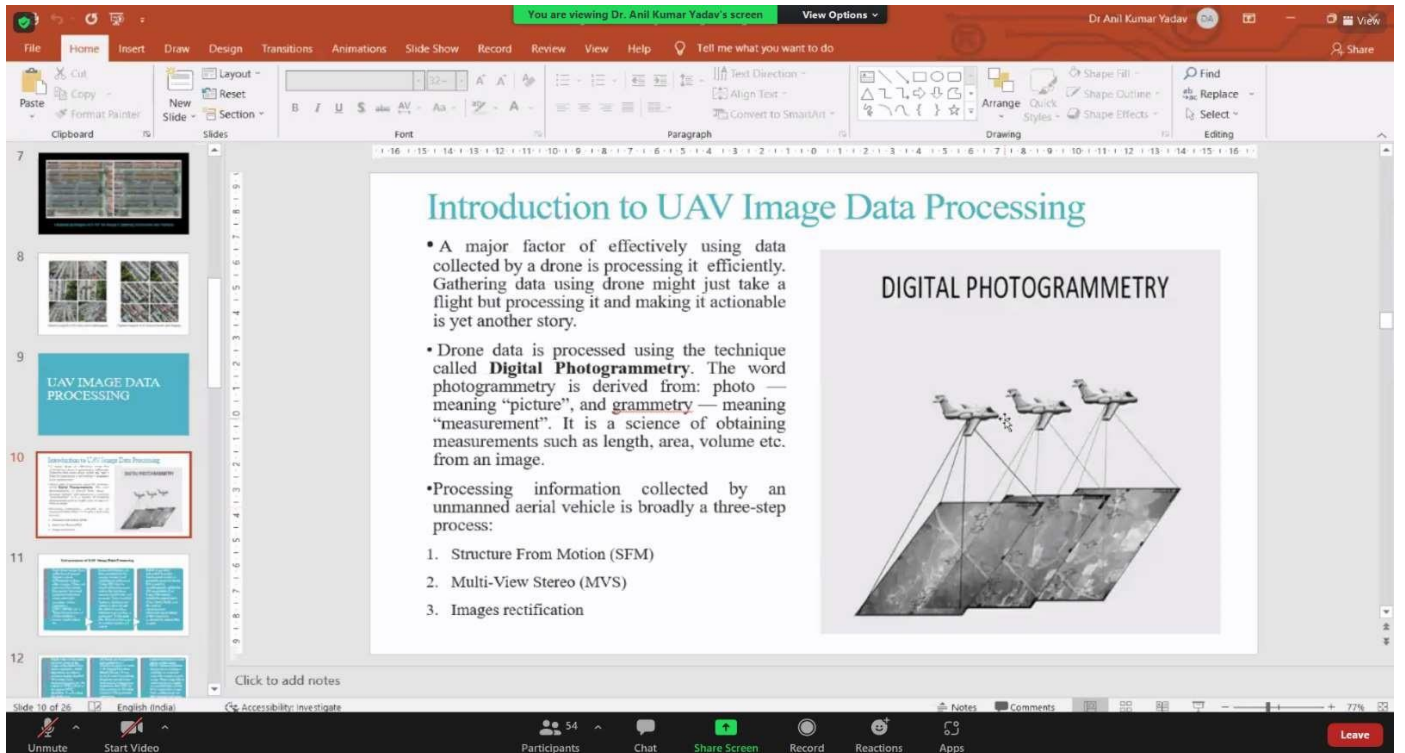
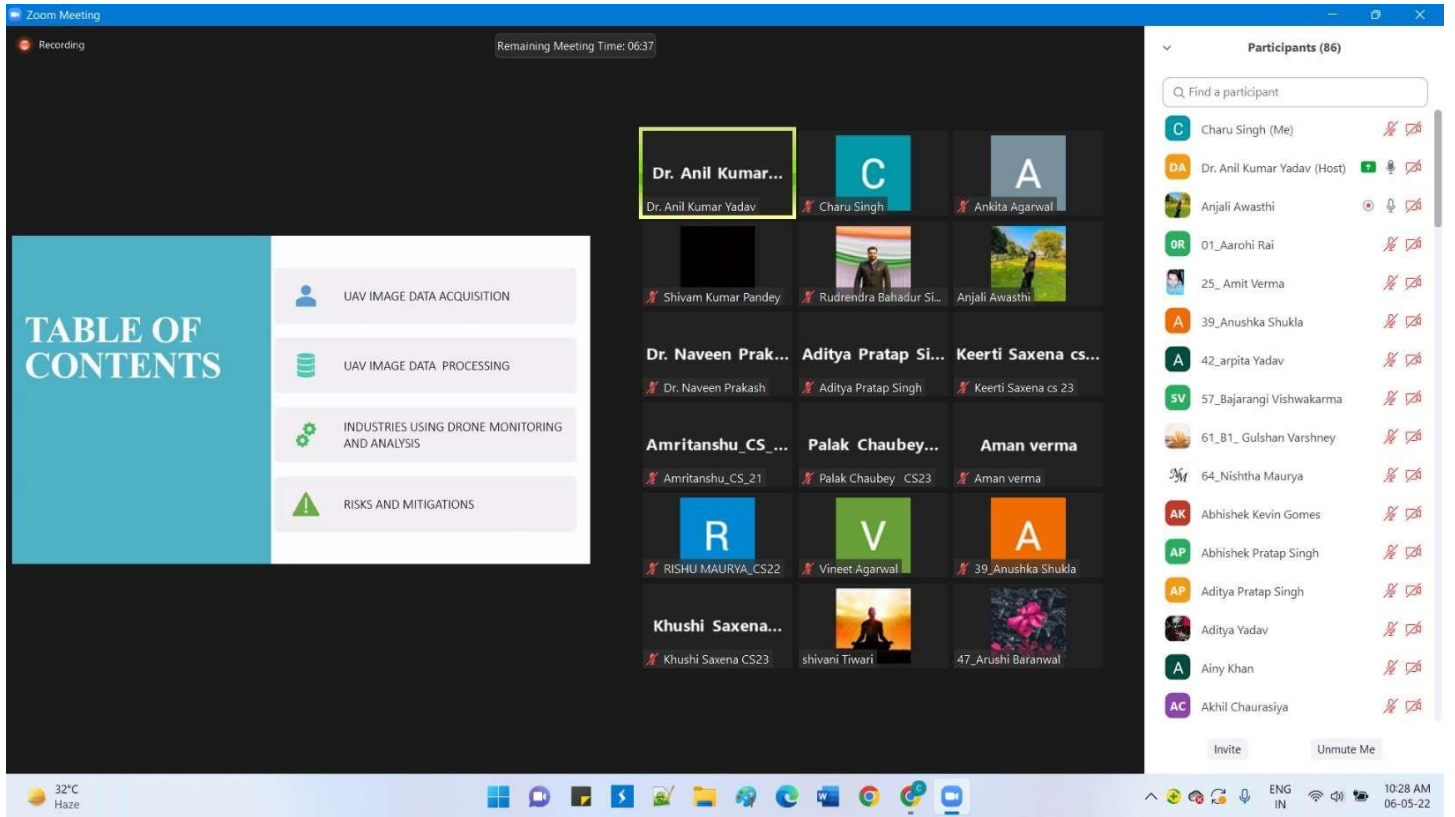
Key points of the session are as:

- UAV Image Data Acquisition
- UAV Image Data Processing
- Industries using Drone Monitoring and Analysis
- Risks and Mitigations

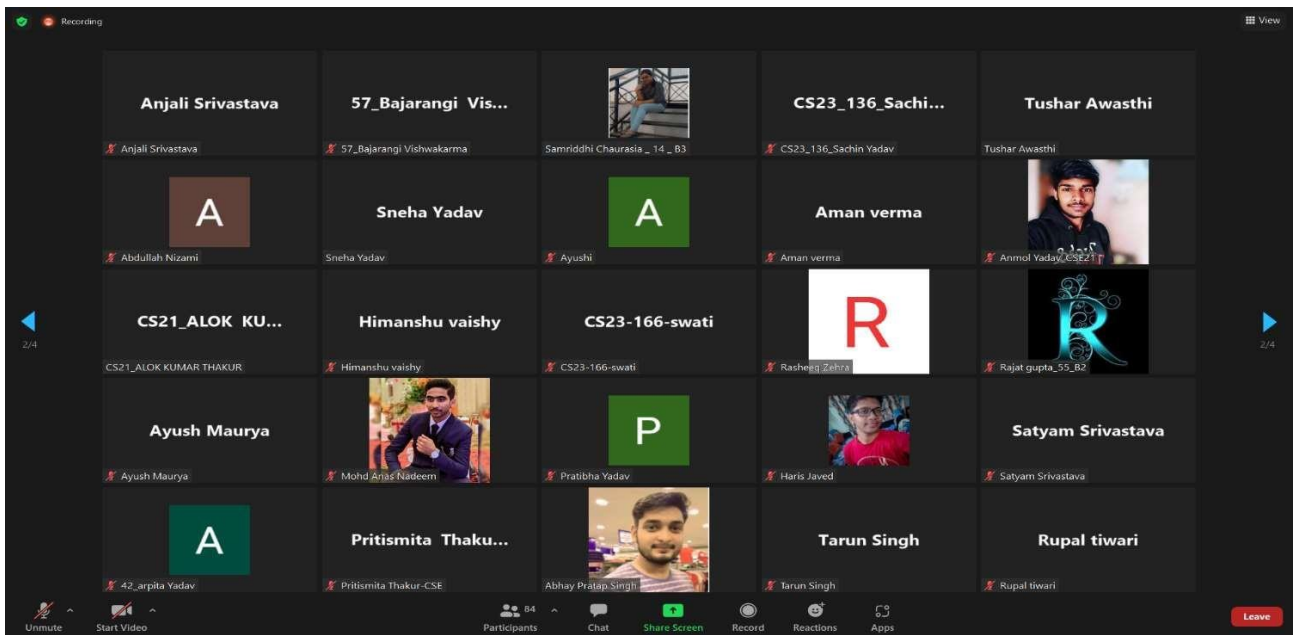
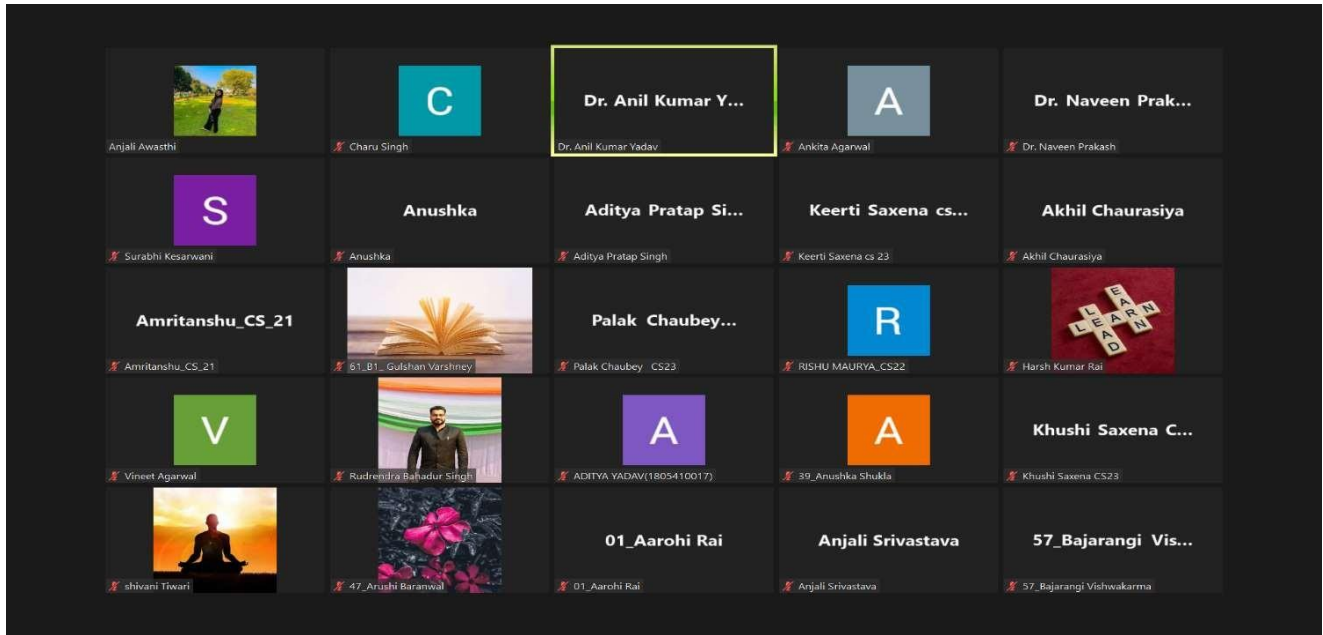
He also has given direction to the students to do research related work on the same for the future aspects.

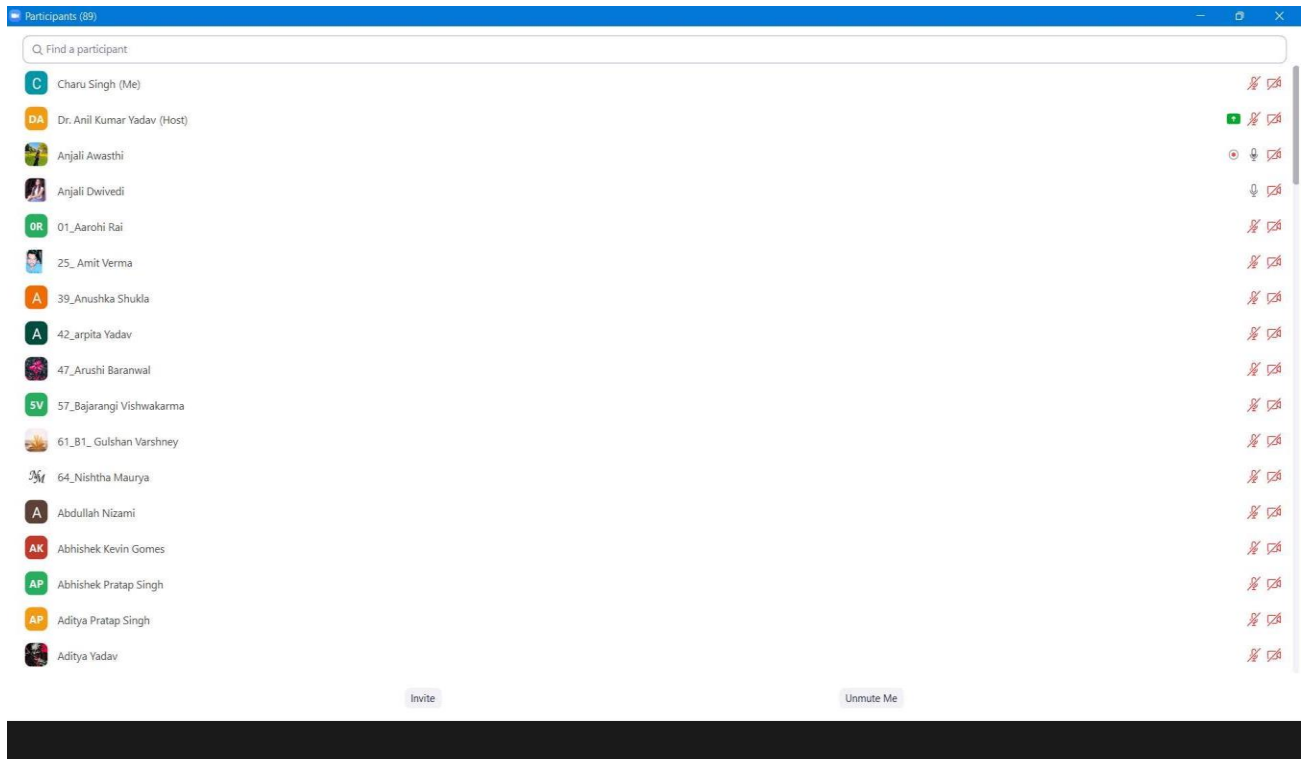
Students and Faculty members participated enthusiastically and attended the session. Students benefitted a lot with active participation in session.

11. Event Photographs:



Dr. Anil Kumar Yadav (Speaker) addressing the students





12. Published News in Media:

Social Media Link:

<https://www.facebook.com/217714502330934/posts/1186230618812646/?d=n>

Meeting link:

<https://us05web.zoom.us/j/6576562506?pwd=QzR0T1BaZXRWMGNkZBFtRTRWx5UT09>

Registration Link: <https://forms.gle/yVdwtdWE367YHxWw5>

13. Feedback of the Event:

Department of Computer Science & Engineering BBDITM, Lucknow organized a one day webinar entitled “**Monitoring and Data Analysis through Intelligent Drones**” on May 6th 2022 for the students of B.Tech CSE. The feedback given by the participants for Dr. Anil Kumar Yadav is very impressive and excellent. Here are some parameters on which the feedback is recorded by the participants.

