

Panipat Institute of Engineering and Technology

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Department of Information Technology

Ref. No. PLET/IT/ICT/2023/19

Dated: 12 September, 2023

Notice

The Department of Information Technology is organizing an expert talk on Drone Technology by **Dr. Bhavesh Vyas, Assistant Dean (Ph.D. Program), K.R. Mangalam University, Gurugram on 16**th **September, 2023** from 9:30 A.M. onwards. This talk aims to provide participants with an in-depth understanding of the latest advancements in drone technology, practical applications, and regulatory considerations. This talk is for 3rd year and 4th year students. We look forward to your participation in this exciting workshop.

Venue: E-507, Fourth Floor, E-Block

Rashmi Makkar

(Faculty Coordinator)

Head of Department

Head of Department
Department of Information Technology
Panipat Inst. of Engg. & Technology

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Notice Boards.



Report Expert Talk on Drone Technology

Date: Saturday, September 16, 2023

Venue: Room E 507 4th Floor, E Block

Event Type: Expert

Mode of Activity: Offline

Resource Person: Dr. Bhavesh Vyas (Assistant Dean, Ph.D Program, K.R. Mangalam

University Gurugram, 8952010792)

Convenor: Dr. Neeraj Gupta, HOD, IT

Co-Convenor: Mrs. Rashmi Makkar

Student Coordinators: Aryan Mangla & Himanshi Sherawat

Organized by: Techno GearHeads Club of IT Department

Student Participants: 29

Faculty Participants: 9

Event Report

Department of Information Technology had organized expert talk on Drone Technology. The objective of this session to educate the students about the fundamentals of drone technology, including their components, how they work, and the various types and applications of drones. This can include both the technical aspects and real -world use cases. The session raised the awareness about the latest developments and innovations in drone technology. The expert talk included the cutting- edge research, new drone models, and emerging trends in the industry. The expert talk provided insights into how drones are being used across different industries such as agriculture, construction, filmmaking, search and rescue, and more. Highlight the benefits and efficiencies that drones bring to these sectors. The event commenced with a warm welcome by Himanshi Sherawat student coordinator, acknowledging the presence of esteemed guests, including our Head of Department, Dr. Neeraj Gupta, and distinguished teachers from various departments. After that Dr. Bhavesh started the event by introducing about drone technology. Then he discussed the aesthetics of art graphic demos showcasing the artistic aspect

of drone technology. He had also discussed the reasons for using Drones investigating the complex mechanisms and computer algorithms that drive drones.

Moreover, the Market Snapshot discussing the various drone models that are available and their features. The session was a seamless blend of academic discourse and practical insights, offering attendees a comprehensive understanding of drone technology and its potential. Dr. Bhavesh Vyas' presentation was not only educational but also engaging, captivating the audience's interest throughout. The session by Dr. Bhavesh Vyas not only met its goals of educating the audience about cutting -edge technology, encouraging the use of drones, and inspiring the next generation, but it also had a profound effect on everyone in attendance. Dr. Neeraj Gupta had conveyed students about the commencement of summer school internship program and winter school internship program on Drone Technology. The session was concluded by vote of thanks by Himanshi student coordinator. Dr. Akhilesh Tripathi honored Dr. Vyas by presenting sapling, fatka and award of honour. The students had understood the drone basics, various applications, Industry Insights and Policy Advocacy.

Event Photographs: -



Photo 1: Dr. Vyas explaining about drone technology



Photo 2: Dr. Vyas expalining about drone technology with help of example



Photo 3: Dr. Neeraj Gupta interacting with the students



Photo 4: Dr. Akhilesh Tripathi honoring Dr. Vyas

List of Participants with attendance:

Date: 16.09.23 Venue: E-50 E Block 4th Floor	Expert Talk on Drone Technology							
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Sr.No.	Department	Faculty Name	Signature
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3·	RCK	Dr. Mangeet Kang	Fan
3· 4.	ECE	Ms. Kajal	
5	CSE-AI&DS	Ms. Ausha Gover	Auste
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