



Kalyani Charitable Trust's
Late G. N. Sapkal College of Engineering

Kalyani Hills, Anjaneri, Trimbakeshwar Road,
Nashik – 422 213



Department of Electronics and Telecommunication Engineering

Expert Talk 2024-25

Sr. No.	Year	Type of Event	Topic/Title/Subject	Duration	
				From	To
1	2024-25	Expert talk	Trends in Drone Technology	5/07/24	5/07/24
2		Expert talk	Testing and Measuring Instruments	13/09/24	13/09/24
3		Seminar	Entrepreneurship	20/03/25	20/03/25
4		Seminar	Research Methodology	20/03/25	20/03/25
5		Expert Talk	Skills Required for Group Discussion.	03/04/25	03/04/25
6		Expert Talk	Python Programming	22/03/25	22/03/25
7		Expert talk	Embedded Systems: Design, Development and Applications	16/04/25	16/04/25
8		Expert talk	From campus to career: Building a roadmap for engineering success	21/04/25	21/04/25



S. G. Bagul

Prof. S. G. Bagul

Head of E&T.C Department

Activity Report

Particulars	Description
Department	Electronics and Telecommunication
Activity	Expert Talk
Activity level	College
Title	Trends in Drone Technology
Organized by	E&TC Department ASSET in association with IQAC.
Venue	Electronics and Telecommunication department (Basic Electronics lab)
Date	5-7-2024
Time	1:00 PM to 3:00 PM
Objectives of the activity	- To explore the basic concept of drone technology. - To understand the benefit of drone technology that will be helpful for their professional life - To aware the students about the opportunities in the drone industry. - To get Motivation and inspiration from Alumni to current students through Alumni Talk.
Outcomes of activity	- Understood drone components - Got familiar about drone Applications across different industries. - Got aware about emerging trends, innovation and opportunities in drone technology
Targeted Participants	TE Students
Total no. of Participants & % of students	56 & 78.87%
Speaker / Resource Person	Name: Mr. Dhananjay Khairnar Designation & Organization: Project Manager, PDRL, Nashik Mobile No.:9766616206



Particulars	Description
Content of the activity	• Basic concepts and definition of drones and components of Drone • Drone Technology Trends • Applications of Drone • Introduction to designing of Drones
Relevance to POs	PO1, PO2, PO5, PO12
Relevance to PSOs	PSO1, PSO2, PSO3
Methodology used	1. Power point presentation. 2. Discussion
Brief Description of the activity	The expert lecture started with the welcome and introduction of resource person followed by felicitation of resource persons Mr. Dhananjay Khairnar (Alumni of E&TC dept) by, Prof M.S. Borse. The resource person started the session with the interaction with the students about drone technology , he explained, What is Drone Technology? The word "drone" is taken straight from the sci-fi world. Another name for drones is Unmanned Aerial Vehicle (UAV). A drone is an unmanned aircraft. Drones are used for filming, military surveillance, and recreational activities and drones work at the intersection of aerospace, robotics, and mechatronics. He explained the working principle and wide applications of drone such as surveillance and aerial photography in different sectors like military, agriculture, factory, media and entertainment etc. He insisted on research in mechanical, electronics, control system and embedded programming for becoming a successful drone expert. He provided detailed information about designing, programming and controlling different parameters like type of the drone, rotor blades, speed of rotor, battery, gyroscope etc with the help of drone mapping and simulation software He guided the students related to what industry expects from them apart from curriculum knowledge. He motivated the students for taking start-up initiative and become a successful entrepreneur. The Programed ended with formal vote of thanks by Prof. M.S.Borse.

Particulars	Description
Geo- tag photos of the activity	 Anjaneri, Maharashtra, India WHVX+6JV, Anjaneri, Maharashtra 422213, India Lat 19.943704° Long 73.600326° 05/07/24 01:07 PM GMT +05:30
	 Anjaneri, Maharashtra, India WHVX+6JV, Anjaneri, Maharashtra 422213, India Lat 19.943704° Long 73.600326° 05/07/24 01:06 PM GMT +05:30

Particulars	Description
	



Ms.J.R.Shinde
Prepared by

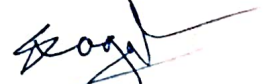


Prof. S. B. Borse
HOD, E&TC Dept



Prof.(Dr) V.A. Kolhe
IQAC Coordinator





Prof. (Dr.) S. B. Bagal
Principal, LGNSCOE

Kalyani Charitable Trust's

LATE G. N. SAPKAL COLLEGE OF ENGINEERING

(Accredited with Grade 'B' by NAAC)

Affiliated to > Savitribai Phule Pune University (U. No. PU/NA/Engg./153/2009 Ref No.: CA/6501 Dated: 16/11/2009)

Approved by > A.I.C.T.E., New Delhi (F.N. 06A07/MIS-Engg/2008/AO-17, Dated: 11th June 2009)

> Govt. of Maharashtra (No. GEC-2009/67A09)/T.E.: 4, Dated: 15th June 2009)

> D.T.E., M.S., Mumbai (No. 2/NGO/Engg./Approval/2009/635, Dated: 23rd July 2009)

> AISHE CODE : C-4219d



Dr. Ravindra G. Sapkal
Chairman & Managing Director
Kalyani Charitable Trust

Dr. Sahabrao B. Bagal
M.E. (E & TC), P.D. (E & TC)
Principal

Ref: KCT's /LGNSCOR/2024-25/ 35 (2)

Date: 26/06/2024

To,

Mr. Dhananjay Khairnar

Project Manager, PDRL, Nashik

Subject: - Invitation letter to conduct Expert Talk on "Trends in Drone Technology"

Respected Sir,

We are pleased to invite you as a resource person for the Expert Talk on "Trends in Drone Technology" organized by Electronics & Telecommunication Engineering Department on the date 05/07/2024 in association with IQAC of Late G. N. Sapkal College of Engineering, Anjaneri, Nashik 422212.

We will be grateful if you could share your valuable expertise on the topic aforementioned. We hope that the students will be benefitted by attending the expert talk with the topic of current edge technology.

We look forward to your presence in the campus.

Thanking You,

With warm regards.

Yours Faithfully,

Prof S.B. Borse
HOD, E&TC Engg.



Prof (Dr.) S.B. Bagal
Principal

- CAMPUS :** Sapkal Knowledge Hub, Kalyani Hills, Anjaneri-Wadholi, Trimbakoshwar Road, Nashik - 422 213. (India)
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- CORPORATE OFFICE :** Sapkal Knowledge Hub, 'Parag' 46, Ashwin Sector, Opp. Hotel Sai Palace, Mumbai-Agra Highway, Nashik - 422 009.
Tel.: +91 - 253 - 2392450 / 51 | **E-mail :** head.marketing@sapkalknowledgehub.org | **Website :** www.sapkalknowledgehub.org
- MUMBAI OFFICE :** Sapkal Knowledge Hub, Unit No. 22, 1st Floor, Shubhada Tower Shopping Centre, Sir Pochkhanwala Road, Near R.T.O. Office, Worli, Mumbai - 400 030. Tel.: + 91 - 22 - 24938914 / 15 | **E-mail :** cmd@sapkalknowledgehub.org, ravi.sapkal@gmail.com



KALYANI CHARITABLE TRUST'S
LATE G. N. SAPKAL COLLEGE OF ENGINEERING

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Department of Electronics and Telecommunication

Date :01/07/2024

NOTICE

All the students of TE (E&TC) are hereby informed that our department has organized Expert Talk on '**TRENDS IN DRONE TECHNOLOGY**' on the date: 5/07/24 at 1.00 PM .It is compulsory to all the students to attend the Expert Talk.

Venue: Basic Electronics lab

Ms.J.R.Shinde
Program Coordinator

Prof. S. B. Borse
HOD, E & TC Engg.





**KALYANI CHARITABLE TRUST'S
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Date: 5.07.2024

To,

Mr. Dhananjay Khairnar

Project Manager, PDRL, Nashik

Subject: Letter of Appreciation

Reference: Trends in Drone Technology.

Respected Sir,

We would like to take this opportunity to thank you for delivering expert Talk and Motivational Speech by Alumni, organized in Late G. N. Sapkal College of Engineering on 5th July 2024. The Expert Talk was a successful and was appreciated by the participating students and faculty members.

During the Expert Talk students were actively interacting with you, which will surely help them in future.

The participants were significantly benefited by the Expert Talk. The Department and College appreciate your time, dedicated effort for conducting the expert talk, and contribution in improving the well being of the participants.

Yours Sincerely,

Prof. S. B. Borse

HOD, E&TC Department,

LGNSCOE, SKH,

Nashik.

Received
Khairnar
5/7/2024





FEEDBACK FORM – RESOURCE PERSON

We would appreciate if you could take a few minute to share your opinion with us.

Name of the Resource Person: Mr. Dhananjay Khairnar

Mobile No: 9766616206 E-mail Id:

Name of the Affiliating Organisation: PDRL

Address of the Affiliating Organisation: 6th Floor, Royal arc Avenue, ITI signal Nashik

Title of Event: Expert Talk " Trends in Drone Technology "

Date(s) of Participation: From 5/7/2024 to 5/7/2024 Days: 01

Kindly tick mark (✓) in the relevant box below

Sr.	Performance Attributes	Rating				
		1	2	3		
1.	Involvement of the participants in the event			✓		
		1 – Not ; 2 – Moderate ; 3 – Very Inquisitive				
2.	Nature of the event organized (Relevance to students / Academics)			✓		
		1 – Not; 2 - Moderately; 3 – Most Relevant				
3.	Infrastructural capacity of the organizing Department / Institute			✓		
		1 –Insufficient; 2 – Sufficient; 3 – Excellent				
4.	Overall impact of the event on the participants		✓			
		1 – Beneficial; 2 – More Beneficial; 3 – Most Beneficial				
5.	Comments on the boarding and lodging facilities (if availed)					
		1 – Average; 2 – Good; 3 – Excellent				
6.	In near future how would you like to associate with the Students / Department / Institute?					
	Mentoring	✓	Infrastructure Sharing	Employment	Financial Support	All of the above
7.	Comments / Suggestions:	Arrange field visit for Drone Demonstration				

Khairnar
Signature of Resource Person

Please return this form to the Event Co-ordinator.





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LATE G.N. SAPKAL COLLEGE OF ENGINEERING

Kalyani Hills, Anjaneri-Vadholi, Trimbakeshwar Toad, Dist: Nashik-422212(India)

Tel.:+91-2594-220168/71. Fax : +91-2594-220174

Website:www.sapkalknowledgehub.org, Email: gns_engineering@sapkalknowledgehub.com



Department of Electronics & Telecommunication Engineering

Expert Talk on "Trends in Drone Technology"

Date :05/07/2024

ATTENDANCE OF PARTICIPANTS (Students)

Sr. No.	Name of Participants	Sign
1)	Rashani Gavali	
2)	Arbi Jagtap	
3)	Shriyanjali Mulla	
4)	Tanuja Kharmare	
5)	Gayatri Borale	
6)	Anushka Kardile	
7)	Sania Tripathi	
8)	Komal Bhamare	
9)	Jadhav Mayuri	
10)	Fargade Janhavi	
11)	Mrudula Shejwal	
12)	Vaishali Umare	
13)	Leena Hire	
14)	Urmila Walekar	
15)	Nikam Nikita	
16)	Jyoti Patil	
17)	Aher pooja popat	
18)	Gurule Sakshi Kailas	
19)	Bachhav premal Kedar	
20)	Jadhav disha B.	
21)	Khade Tejaswini Rajendra	
22)	Muladkar Akanksha Pranod	
23)	Nikam Kanchan Annasaheb	
24)	Nikam Nikita R.	
25)	Patil Snehal Sanjay	
26)	Priyanka mali	

Prof.J.R.Shinde

Program Co-ordinator



Prof.S.B.Borse

HOD

Late G. N. Sapkal College of Engineering
Department of Electronics & Telecommunication Engineering

FEEDBACK OF PARTICIPANTS

Title of the Program/Event: Expert Talk on "Trends in Drone Technology" in Department of Electronics & Telecommunication Engineering

Name of Participant: Arati Vinayak Jagtap

Name of the Department: Mechanical/Civil/Electrical/E&TC/Computer/Other

1.	Did you find the Expert talk is useful?	1	2	3
				✓
		1-not useful ; 2-To some Extend ; 3-Very useful		
2.	Did it fulfill your expectation?	1	2	3
				✓
		1-not useful ; 2-To some Extend ; 3-Very useful		
3.	Did the Seminar improve your knowledge about the topic discussed?	1	2	3
			✓	
		1-not useful ; 2-To some Extend ; 3-Very useful		
3.	Suggestion to further improvement			

Date: 5/07/2024



Arati
Signature of Participants