



Central Facilities Drone Club

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Faculty In charge

Faculty Co In charge

Arun Kumar Shukla Assistant Professor – ECE

Abhishek Kumar Associate Professor – ECE





Drone Club was started in July 2022 to provide a platform for students to work on drone projects.

- To provide guidance and resources to prepare various types of drones and drone based technical projects.
- To provide a platform to participate in drone competitions and cultivate technical plus soft skills along the way.

✤To prepare students for drone pilot license.



Drone Club



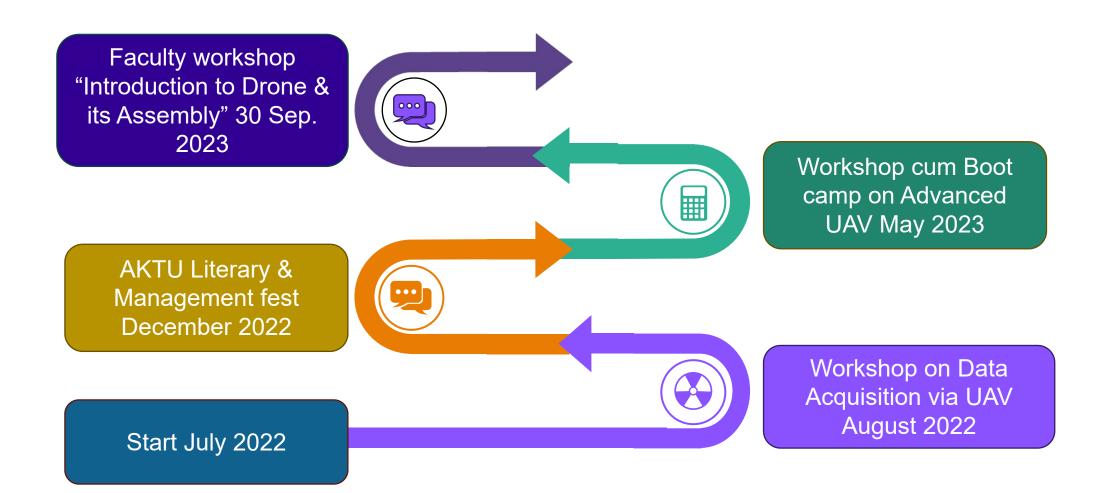
The Team

S. No.	Status	Name	University Roll No	Sem / Branch / Section	Mobile	Email
1	Student Convenor	Yash Kansal	2000680100369	VII/CSE	9799026994	yash.kansal.2020@miet.ac.in
2	Student Co-convenor	Navneet Kumar	2000680400014	VII/ME	7409778463	navneet.kumar.me.2020@miet.ac.in
3	Member	Vanshika Bhadouria	2000680400020	VII/ME	7302125198	vanshika.bhadouria.m <u>e.2020@miet.ac.in</u>
4	Member	Shantanu Krishanatray	2200680310089	III/ECE	9027308517	shantanu.krishanatray <u>.ece.2022@miet.ac.</u> <u>in</u>



Road map of progress







Activities/Events Organized



S. No.	Name of the Activity / Event Organized	Level (Dept / Institute / Other)	Date(s)	Venue	Total No. of Participants	Link
1	5 Days Workshop on Data Acquisition via UAV [Drone]	Inter-Institute (Funded by IIT Tihan)	28 July – 02 August 2022	MIET Meerut	34	Media coverage
2	AKTU Literary & Management fest – Drone flying	AKTU Zonal	9-10 Dec. 2022	MIET Meerut	2	<u>New Doc 01-10-</u> 2024 13.52 (miet.ac.in)
3	5 Days Workshop on Advanced UAV for monitoring using Machine Learning	Inter-Institute (Funded by IIT Tihan)	2-6 May 2023	MIET Meerut	29	Media coverage
4	Workshop on "Introduction to drone and its Assembly"	Institute	30 September 2023	MIET Meerut	19	Workshop details



Achievements, Awards and Recognitions



S. No.	Date	Name of the Event / Competition	Organized By	Name of activity /Event in which theteam participated	Achievement
1	9/12/2022	AKTU Zonal	MIET under AKTU	Drone flying	1st
2	01/03/2023	AKTU State	AKT University	State Drone Competition	3rd
3	26/08/2023	ESYA2023	IIIT Delhi	Sky rush	2nd
4	14/04/2023	Drone flying	JECRC Jaipur	Drone flying	2nd
5	18/10/2023	AIRBORNE ARCHERS	RKGIT, Ghaziabad	Drone Archery	2nd & 3rd

Milt

Media coverage of 5 Days Workshop on Data Acquisition via UAV 28 July – 02 August 2022



आगामी समय में दोन का टालेमार

ने बताया कि पांच टिवसीय कार्यणा

लाप अमर उजाला 👩

Department of Electronics and Communication Engineering Meerut Institute of Engineering and Technology, Meerut in association with TiHAN, IIT Hyderabad

is organizing

5 Days workshop on Data Acquisition via UAV (Drone)

(28th July 2022 - 2nd August 2022)

Key Features

- Elaborated theory and lab session
- Expert talks from eminent Professors
- Hands-on session for Assembly of drones
- Application based on use cases
- E-certificates will be given by IIT, Hyderabad

Chief Patron r. Vishnu Saran, Chairmen, MIET

-> Registration Fee:

material)

Rs. 500/- per head (Includes Breakfast,

Lunch, Snacks, Stu

et Agarwal, Vice Chairmen, MIET

Patro Dr. Bhawna Mallick, Dean Academic, MIE

>Last date to register and

fee submission: 20 July 2022

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Coordinators Dr. Neha Mittal, Prof. & Head, ECED, MIET, Meerut Mrs. Mohini Preetam Singh, Asst. Prof., ECED, MIET, Meerut

> Target Diploma/Polytechnic/B.Tech students



30-010 B 1881 Scan to registe Scan to Pay

Contact Us: (+91 6398 486 825 hodelectronics@miet.ac.in, mohini.singh@miet.ac.in



	Meerut Instit	tute of Eng	incering & Technology, Meerut	and the second sec		
<u>y</u> r		kshop on D	and Communication Engineerin ata Acquition Via UAV (Drone)	ng		THAN
The survey of th		Qualified J	List of Participants	r		TT HYBERTEAB
Name of the Student	Name of the Diploma Institute/Polytechnic Institute	Branch	Email ID	Payment Received	Transaction ID	Participant Details [location, desgination /semester details]
Parinay Sharma	Shanti Institute of Technology	Electrical	parinaysharma1@gmail.com	Yes.	T2207151633432067275160	Sixth Sem
Abhishek Yadav	D.N. Polytechnic Meerut	Mechanical	ay357134@gmail.com	Yes	T2207191021047451417465	Sixth Sem
Ankit Kumar	Government Polytechnic Sonebhadra	Mechanical	ankitk2624@gmail.com	Ves	220015808999	Sixth Sem
Iohammad Moin Khan	Government Polytechnic Chopan, Sonebhadra	Mechanical	moinkhan51481@gmail.com	Yes	220015808999	Sixth Sem
Shamsatabarej	Government Polytechnic Chopan, Sonebhadra	Mechanical	asonu4471@gmail.com	Yes	220015808999	Sixth Sem
Akhilesh Chauahn	Government Polytechnic Chopan, Sonebhadra	Mechanical	cakhilbhu@gmail.com	Yes	220013808999	Sixth Sem
Salaman	Government Polytechnic Chopan, Sonebhadra	Mechanical	shekhsalman9118@gmail.com	Yes	220015808999	Sixth Sem
Deepak Kumar	Government Polytechnic Chopan, Sonebhadra	Mechanical	dk984617@gmail.com	Yes	220015808999	Sixth Sem
Deepak	Government Polytechnic Chopan, Sonebhadra	Mechanical	deepakkannaujiya232102@gmail.com	Yes	220015808999	Sixth Sem
Yogesh Chauhan	Government Polytechnic Chopan, Sonebhadra	Mechanical	yogeshchauhan9793@gmail.com	Yes	220015808999	Sixth Sem
Rahul Kumar Mall	Government Polytechnic Chopan, Sonebhadra	Mechanical	chhotu2181@gmail.com	Yes	220015808999	Sixth Sem
Suraj	Government Polytechnic Chopan, Sonebhadra	Mechanical	suraj0kumar15112000@gmail.com	Yes	220015808999	Sixth Sem
Sumit Yadav	Government Polytechnic Chopan, Sonebhadra	Mechanical	syaduvanshi414@gmail.com	Yes	220015808999	Sixth Sem
Nishant Tripathi	Government Polytechnic Chopan, Sonebhadra	Mechanical	nishanttripathi1215@gmail.com	Yes	220015808999	Sixth Sem
ok Kumar Yadawanshi	Government Polytechnic Chopan, Sonebhadra	Mechanical	akyvns2002@gmail.com	Yes	220015808999	Sixth Sem
Irashad Ali	Government Polytechnic Chopan, Sonebhadra	Mechanical	irshadmzp38@gmail.com	Yes	220015808999	Sixth Sem
Rakesh Kumar	Government Polytechnic Chopan, Sonebhadra	Mechanical	Rakesh811517@gmail.com	Yes	220015808999	Sixth Sem
Rajesh Yadav	Government Polytechnic Chopan, Sonebhadra	Mechanical	rajeshnpn52@gmail.com	Yes	220015808999	Sixth Sem
Shubham Kumar	Government Polytechnic Chopan, Sonebhadra	Mechanical	sk182000vns@gmail.com	Yes	220015808999	Sixth Sem
Dhatura	Government Polytechnic Chopan, Sonebhadra	Mechanical	daturamonu@gmail.com	Ves	220015808999	Sixth Sem
Pramod Kumar	Government Polytechnic Sonebhadra	Mechanical	pramodku1530@gmail.com	Yes	220015808999	Sixth Sem
Obeeraj Kumar Bind	Government Polytechnic Chopan, Sonebhadra	Mechanical	dkdheerajkumar221308@gmail.com	Yes	220015808999	Sixth Sem
duman Kumar Pandey	Government Polytechnic Chopan, Sonebhadra	Mechanical	pandeypraduman681@gmail.com	Yes	220015808999	Sixth Sem
Vikash	D.N. Polytechnic Meerut	Mechanical	vikasprajapatimodinagar2003@gmail.com	Yes	220034000000	Second Sem
Anish Kushwaha	Government Polytechnic Chopan, Sonebhadra	Mechanical	unishkushwaha0368@gmail.com	Ves	220015808999	Sixth Sem
unil Kumar Prajapati	Government Polytechnic Chopan, Sonebhadra	Mechanical	sunil080298@gmail.com	Yes	220015808999	Sisth Sem
Mohd Zaid	Jamia Millia Islamia	Mechanical	zaidmd054@gmail.com	Yes	220042971979	Second Sem
Harish Kumar	D.N. Polytechnic Meerut	Mechanical	harishkhewariya671@gmail.com	Yes	220041594623	fourth Sem
Avanish Chauhan	D.N. Polytechnic Meerut	Mechanical	svanishchauhan964@gmail.com	Yes	T2207191856250938743428	Sixth Sem
Arpan Kansal	D.N. Polytechnic Meerut	Mechanical	kansalarpan9@gmail.com	Yes	XX7713	Sixth Sem
Koshik Kumar	D.N. Polytechnic Meerut	Mechanical	ak3374140@gmail.com	Yes	220113410385	Second Sem
Naveen Chhetri	CERT, Meerut	Mechanical	naveenchhetri25@gmail.com	Ves	220105530476	Sixth Sem
Akshat Kamal	D.N. Polytechnic Meerut	Mechanical	akshatkamal2002@gmail.com	Yes	XX9090	Sixth Sem
Amit Kushwaha	Government Polytechnic Chopan, Sonebhadra	Mechanical	amitrbj231216@gmail.com	Ves	220982000000	Sixth Sem





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Media coverage of 5 Days Workshop on Advanced UAV using Machine learning 2-6 May 2023



Meerut Institute of Engineering and Technology, Meerut ΤΙΗΛΝ Department of Electronics and Communication Engineering



In association with **TiHAN, IIT Hyderabad** is organizing

5 days Workshop Cum Boot Camp on Advanced UAV for Monitoring Using Machine Learning

2ndMay, 2023 - 6thMay, 2023

Key Features

1) Transceiver Module designing for flight controller. 2) Assembling of Drones. 3) Simulations using AI Drone Simulator and FPV Free Rider. 4) Application monitoring and processing using Machine Learning. 5) Guest lectures by Analysts on applications of machine learning in UAV.

Chief Patron Patron Er. Vishnu Saran, Chairman Dr.Brijesh Singh, Director Mr.PuneetAgarwal, Vice Chairmar Dr.BhawnaMalick. Dean Academic **Coordinators:** Dr.Neha Mittal, Professor & Head, ECED, MIET, Meerut Mrs.MohiniPreetam Singh, Asst. Prof. ECED, MIET Meerut **Target Audience** Faculty members and students of Polytechnic/Diploma/B.Tech./M.Tech./Phdscholars Registration Fee: Last date to register and fee (Rs. 1000/-+18% GST)=Rs. 1180 submission is 1 May, 23 per head(Includes Breakfast, Lunch, Snacks, Study material) ←Scan to nay with any UPI App Scan to Register FILM: LEV PAUL O SPAN Certificate shall be issued jointly by TiHAN and MIET to those participants who will intain minimum 80% attendance and qualify quiz with a minimum score of 60%. Contact Us :+91 8699090707, +91 7906404776, Email : hodelectronics@miet.ac.in, neha.mittal@miet.ac.in

मशीन लर्निंग के सहयोग से एडवांस ड्रोन मॉनिटरिंग पर पांच दिवसीय कार्यशाला का उद्घाटन कृषि के विकास और रोजगार में मददगार होंगे ड्रोन

एनपीटी ब्यूरो मेरठ। तिहान आईआईटी हैदराबाद के सहयोग से एमआईईटी के इलेक्टॉनिक्स एंड कम्युनिकेशन इंजीनियरिंग विभाग में पांच दिवसीय कार्यशाला का उद्घाटन किया गया। कार्यशाला का विषय ₹मशीन लर्निंग के सहयोग से एडवांस झोन मॉनिटरिंगर रहा। कार्वशाला का उद्घाटन मुख्य अतिथि

वाइस प्रे**सिडे**ंट आईएचएफसी आईआईटी दिल्ली से डॉ नरेंद्र गौड़,जेट एयरोस्पेस से डॉ कृतिका श्रीनिवासन, सीईओ रिवाइविंग इंडिया प्रवीण कमार. उद्भव वसूद, डीन एकेडमिक डॉ भावना मलिक, कोऑर्डिनेटर डॉ नेहा मित्तल ने संयुक्त रूप से दीप प्रज्वलित कर किया। मुख्य अतिथि डॉ. नरेंद्र गौर ने ड्रोन तकनीक में भविष्य की संभावनाओं,

रोजगार और नवाचार के अवसरों पर व्याख्यान दिया।उन्होंने कहा कि कृषि में डोन का बेहतर इस्तेमाल हो रहा है। खेतों में कीटनाशक और खाद के छिड़काब के दौरान सेहत को खतरा तो रहता ही है, साथ ही दवा का कम और ज्यादा छिडकाव करने से फसल पर असर पडता है, लेकिन इसमें डोन काफी मददगार होता है, कम कीटनाशक खर्च



कर कम समय में पूरे खेत में एक समान छिडकाव किया जा सकता है। यह कषि के विकास में बहत मददगार होगा. साथ ही कई क्षेत्रों में इसके फायदे भी हैं। कतिका श्रीनिवासन ने डोन के क्षेत्र

में चल रहे नवीनतम शोध जैसे ड्रोन इमेजिंग. दंगा नियंत्रण झेन, एंटी डोन आदि की जानकारी दी। उन्होंने मशीन लर्निंग और डीप लर्निंग के संयोजन में डोन के विभिन्न उपयोगों के बारे में बताया। उन्होंने ड्रोन के विभिन्न मॉडल भी प्रदर्शित किए।

कोऑर्डिनेटर डॉ नेहा मित्तल ने बताया की पांच दिवसीय कार्यशाला में प्रतिभागियों को डोन टांसमीटर और रिसीवर मॉड्यूल डिजाइनिंग, ड्रोन



असेंबली, डोन द्वारा डेटा संग्रह, निगरानी डोन और अन्य संबंधित विषय सिखाए जाएंगे। इस दौरान दिल्ली एनसीआर क्षेत्र के 12 से अधिक कॉलेजों के 30 छात्र, शिक्षक व शोधार्थी ने हिस्सा लिया।

कार्यशाला के पहले दिन रिवाइविंग इंडिया से प्रवीण कुमार ने फ्लाइट कंटोलर के लिए आवश्यक टांसमीटर रिसीवर सिस्टम को डिजाइन करना सिखाया। इस अवसर पर कार्यशाला कोऑर्डिनेटर डॉ नेहा मित्तल, प्रियांक मददगार है। प्रवीण कुमार, प्रियांक शर्मा, शर्मा, अरुण शुक्ला,सबोध त्रिपाठी, मोहिनी सिंह, नीरज जोशी, डॉ रमेश कुमार, यश, अवनीश, वैभव आदि मौजूद रहे। मंच संचालन हिमानी व गागीं ने किया।



कृषि के विकास, रोजगार में मददगार होंगे डोन

मेरठ। एमआईईटी के ईसी विभाग में हुए तिहान आईआईटी हैदराबाद के सहयोग से 'मशीन लर्निंग के सहयोग से एडवांस डोन मॉनिटरिंग ' विषय पर हुई वर्कशॉप का उदघाटन डॉ. नरेंद्र गौड, डॉ. कृतिका श्रीनिवासन, प्रवीण कुमार, उन्द्रव वसूद, डॉ. भावना मलिक एवं डॉ. नेहा मित्तल ने किया। डॉ. नरेंद्र ने कहा कि कृषि में डोन का बेहतर इस्तेमाल हो रहा है। खेतों में कीटनाशक और खाद के छिडकाव में डोन



अरुण शुक्ला, सुबोध त्रिपाठी, मोहिनी सिंह, नीरज जोशी, डॉ. रमेश कुमार, यश, अवनीश, वैभव, हिमानी एवं गार्गी ने किया।

No	Workshop Name	Host Institute Name	Participant Name	Gender	Туре	Organization Name
1			AFIFA	Female	STUDENT/4TH SEM	MIET, MEERUT
2			APOORV RAJ	Male	STUDENT/4TH SEM	RKGIT, GHAZLABAD
3			ARUN KUMAR SHUKLA	Male	PhD Scholar	DIT UNIVERSITY, DEHRADUN
4			ARYAN CHAPRANA	Male	STUDENT/4TH SEM	MIET, MEERUT
5			BHAWNA NARWAL	Female	STUDENT/4TH SEM	MIT, MEERUT
6			DEVESH SOAM	Male	STUDENT/4TH SEM	MIET, MEERUT
7			GAURAV KUMAR	Male	STUDENT/4TH SEM	MIT,MEERUT
8			GOSIYA KALEN	Female	STUDENT/4TH SEM	MIT, MEERUT
9			GYANENDRA SINGH	Male	FACULTY	DEEWAN V.S INSTITUTE OF ENGG.& TECH, Meerut
10			HARSHIT SHARMA	Male	STUDENT/4TH SEM	SUBHARTI INSTITUTE OF TECH & ENGG., MEERUT
11			INSHA	Female	STUDENT/4TH SEM	MIET, MEERUT
12			JANVI SOLANKI	Female	STUDENT/4TH SEM	MIET, MEERUT
13			KUMAR RISHI RAJ	Male	STUDENT/6TH SEM	BIT,MEERUT
	5 Days workshop cum		MAHIMA TAYAL	Female	FACULTY	RGIT,GHAZIABAD
	Boot Camp on Advanced JAV for Monitoring using		MOHD. NAUMAAN	Male	STUDENT/4TH SEM	MIET, MEERUT
16	Machine Learning		NEERAJ JOSHI	Male	PhD Scholar	BENNETT UNIVERSITY, GREATER NOIDA
17			NILU RAJ	Female	STUDENT/4TH SEM	VISHVESHWARYA GROUP OF INSTITUTE, Ghaziabad
18			PIYUSH RAJ	Male	STUDENT/6TH SEM	VISHVESHWARYA GROUP OF INSTITUTE, Ghaziabad
19			PRAKHAR GARG	Male	STUDENT/8TH SEM	AKGEC,GHAZIABAD
20			RAHUL	Male	STUDENT/4TH SEM	MIT, MEERUT
21			SANJIWINI RANJAN	Female	STUDENT/4TH SEM	MIT, MEERUT
22			SHALENDRA SINGH	Male	FACULTY	JPIET,MEERUT
23			SHARANG TYAGI	Male	STUDENT/4TH SEM	RKGIT,GHAZIABAD
24			SUDHIR KUMAR	Male	STUDENT/4TH SEM	SUBHARTI INSTITUTE OF TECH & ENGG., MEERUT
25			SUMIT	Male	STUDENT/4TH SEM	MIET, MEERUT
26			SURAJ SHARMA	Male	PhD Scholar	BHAGWANT UNIVERSITY
27			SWEETY KUMARI	Female	STUDENT/4TH SEM	MIT, MEERUT
28			VASUDASS	Male	STUDENT/4TH SEM	MIET, MEERUT
29			VINITA	Female	STUDENT/4TH SEM	MIET.MEERUT



Media coverage of 5 Days Workshop on Advanced UAV using Machine learning 2-6 May 2023

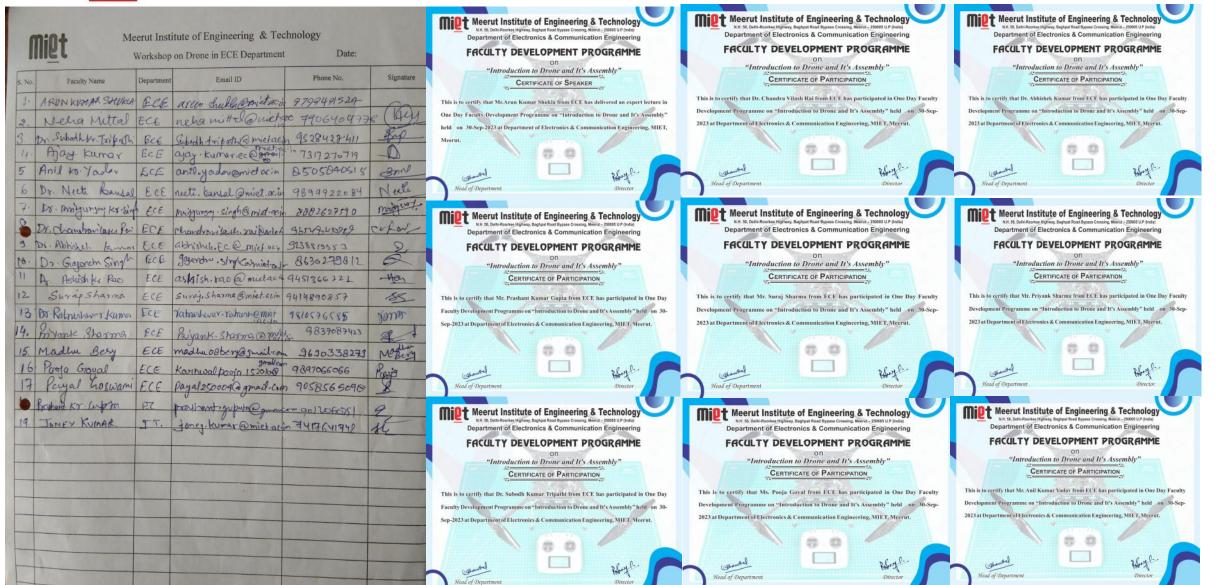






Workshop on "Introduction to drone and its Assembly" 30 September 2023







Drone License





Remote Pilot Certificate Certificate No. PC102300005ZJ 🔮 Active

Gender:

MALE

Date of Initial Issue: 09 October 2023 09:33:47





Name of the Pilot: YASH KANSAL

Date of Birth:

18 Aug 2002

Address:

486, kabadi bazar, Hapur, Ghaziabad, UTTAR PRADESH, 245101, INDIA

Scan the code to verify the current status of certificate

ENDORSEMENT DETAILS

Category of UAS:	Sub-category of UAS:	Class of UAS:	VLOS/BVLOS:		
ROTORCRAFT	RPAS	SMALL	VLOS Only		
Date of Endorsement:	Expiry Date:	Status:			
09 October 2023	08 October 2033	Active			
Declaration:		RPTO Name:			
	eted the Remote Pilot Training ctical] for the above mentioned	DRONACHARIYA D	RONE ACADEMY LLP		
category. Pilot has successfu	Illy passed both theory and	RPTO Authorisation No.	6		
practical exam conducted by	y us.	RA1022000000J			

*This Remote Pilot Certificate is issued under the provision of Rule 4 and Rule 5 of Drone (Amendment) Rules 2022

** This is a digitally signed document and hence does not require signature.



Achievements





AKTU Zonal Drone competition Dec. 2022

AKTU State Drone competition March 2023

JECRC Drone flying April 2023





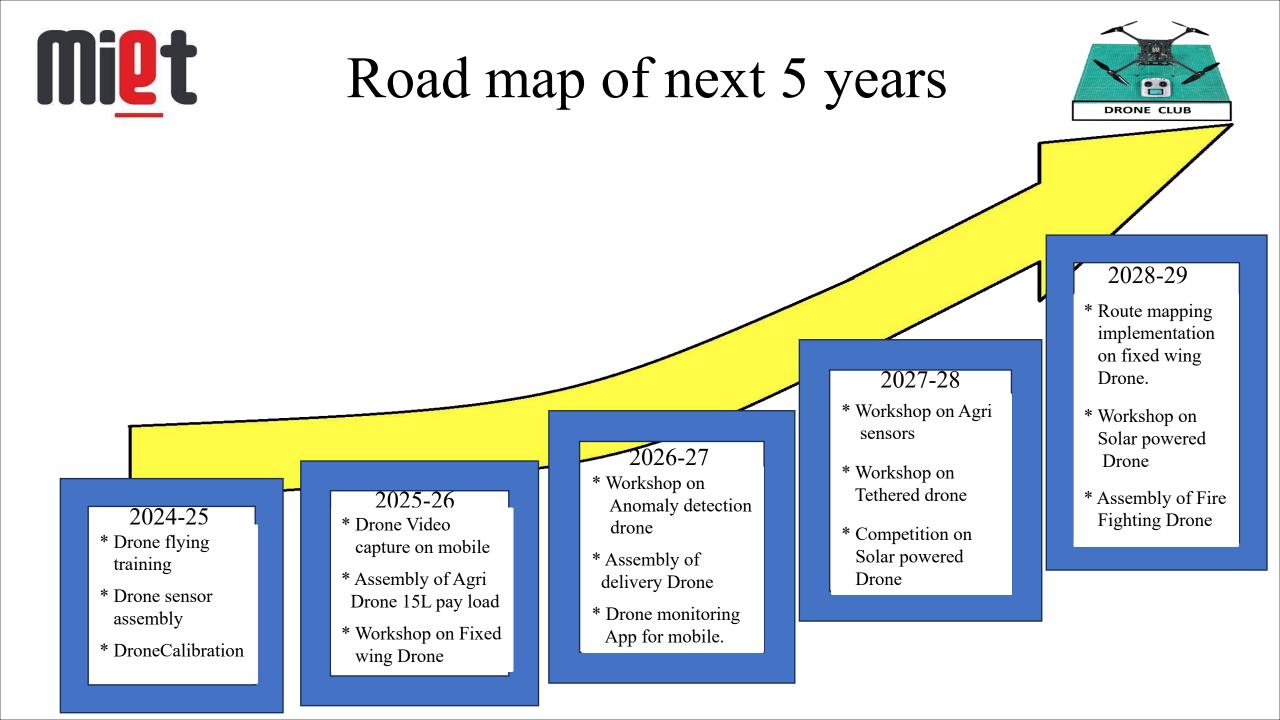




Participation in In-Space Conference Nov.23

IIIT Delhi Drone flying competition Aug.23

RKGIT Drone Archery competition Oct. 23







Thank You