



DMI's DRONE CLUB To explore and aviate

DMI ENGINEERING COLLEGE

Kumarapuram Road, Aralvaimozhi Kanyakumari Dist. 629 301

Website: www.dmiengg.edu.in , E-mail: dmiieckk@gmail.com, Phone: 04652-262744

Drone Club Inauguration Report





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DMI Drone Club is a community that brings together individuals who share an interest in drones and drone technology. These club provide a platform for enthusiasts, hobbyists, and professionals to come together to learn, collaborate, and engage in activities related to drones.

The honor of officially inaugurating the Drone Club was bestowed upon Mr.Nidhish Gladwin, Director, Gladfix, our Chief guest. A distinguished guest speaker to address the audience. He shared profound insights into the current trends and future prospects of drone technology, leaving the audience inspired and enlightened.

Our Principal Dr.Albert Raj, He spoke passionately about the transformative potential of drone technology and commended the initiative taken by the club in creating a platform for aspiring engineers to push boundaries, explore new horizons, and utilize drones as tools of innovation across various industries.





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A club pledge is a powerful tool for building a strong, committed, and cohesive community within the club. It helps members align their individual efforts with the collective goals of the club, ultimately contributing to the club's growth and success. Our members hear one another recite the pledge, it fosters a sense of trust. They know that their fellow members are equally committed to the club's success.





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Unveiling of Drone Display: A pivotal moment in the event was the unveiling of a diverse display of drones, showcasing different models, functionalities, and applications. The display captivated the audience and provided a tangible insight into the capabilities of this cutting-edge technology.

A live drone demonstration was conducted by Er. Praveen Mathias, Embedded Engineer at MATT Engineering solutions, showcasing various maneuvers and applications. This interactive session allowed attendees to witness different version and capabilities of drones that sparked curiosity and excitement among participants.





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Overall, drone clubs serve as a valuable community for individuals interested in drones, offering a space for learning, collaboration, and the exploration of new frontiers in drone technology . DMI drone club as a educational institution has a separate space to access resources and conduct events. Our Principal Dr.A.Albert Raj contributed and presented a DIY Drone Kit to the student President Mr.Abdhul vajeet on the day of inauguration to make the club space equipped.



Arduino Starter Kit	Input Devices	Output Devices
<ul style="list-style-type: none"> EMA-001-A Arduino Uno EDM-006-A Breadboard 400 Pin EDM-008-A USB Cable A to B EDM-002-B Jumper Wire Male-male 	<ul style="list-style-type: none"> EDM-002-C Jumper Wire Female-Female EDM-002-A Jumper Wire Male-Female Prototyping Plate Resistor (1k) 	<ul style="list-style-type: none"> EMA-001-A Liquid Crystal Display (LCD) Integrated Circuit MM-D-003-B Solar Pro Servo SCP EDD-002-A Light Emitting Diode Red EDD-002-B Light Emitting Diode Green EDD-002-D Light Emitting Diode Blue EDD-002-C Light Emitting Diode Yellow EDD-003-A Red Green Blue LED EMA-004-A 8*8 dot Matrix LED EMP-004-A 1 Channel Relay EMS-0007-A Sound Play Book EDD-007-A 7 Segment Display EMA-003-C Neo Pixel (Black) EDS-006-A Robot Power
<ul style="list-style-type: none"> TLC-009-A Soldering Iron 25W COC-006-E Soldering Wire TLC-007-A Desolder Pump IQE-002-A Multimeter TLC-011-A Flux 	<ul style="list-style-type: none"> Tweezer TLC-010-A Soldering Stand Desoldering Bread Wire Insulation Tape TLC-008-A Wire Cutter Heat Shrink Set TLC-004-A Gluegun COC-011-A Hot Glue-stick COC-001-C Coin Cell EDM-004-B Alligator Wire 	<ul style="list-style-type: none"> Screw Set Screw Driver Hookup Wire Paper Cutter Communication EMC-003-A HC-05 Bluetooth Module



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Our mission is to create a vibrant and collaborative community focused on learning, innovation, and responsible drone operation. Through education, hands-on experiences, and networking opportunities, we aim to empower our members to explore the limitless potential of drones and contribute to the advancement of this exciting field. Together, we strive to promote safe, ethical, and impactful drone use for both recreational and professional applications."

Our DMI Drone Clubs Vision....

To be at the forefront of innovation and expertise in drone technology. We envision a future where our members lead the way in utilizing drones for a wide range of applications, from aerial photography and environmental monitoring to disaster response and industrial automation. We strive to create a dynamic community that fosters learning, collaboration, and creativity in the ever-evolving world of drones. Through our collective efforts, we aim to contribute positively to society and advance the boundaries of drone technology

Objective towards the club

Shared Interest in Drones: Members of a drone club have a common interest in drones, which can encompass various aspects such as flying, building, programming, photography/videography, and applications in various industries.

Learning and Skill Development: Drone clubs often offer opportunities for members to learn about drone technology, flight techniques, regulations, and safety practices. Workshops, training sessions, and educational resources are commonly provided.

Networking and Community Building: Drone clubs provide a space for members to network, exchange ideas, and build relationships with others who share their passion for drones. This can lead to collaborations on projects or professional opportunities.

Activities and Events: Clubs may organize a range of activities, including drone races, aerial photography contests, workshops on drone building and repair, and field trips to interesting locations for aerial photography or videography.



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Regulatory Compliance: Responsible drone flying is a crucial aspect, and clubs often educate members about local regulations and best practices for safe and legal drone operation.

Innovation and Projects: Some clubs focus on pushing the boundaries of drone technology. Members may collaborate on projects, such as building custom drones, experimenting with new sensors, or developing software for drones.

Community Outreach and Education: Drone clubs may engage with the wider community to raise awareness about drones, promote responsible flying, and showcase the positive applications of drone technology.

Industry and Career Opportunities: For those interested in pursuing careers related to drones, being part of a drone club can provide valuable networking opportunities and exposure to potential employers.

Introduction of Club Executive Committee: Student President introduced the members of the executive committee, who will be leading the Drone Club in its endeavors. Each member briefly shared their roles and expressed their dedication to advancing the club's objectives.

Sl. No.	Name of Post	Name of Studens	Contact No.
1	President	ABDHUL VAJEET	
2	Vice- President	ISHWIN SHAIJU	
3	Secretary	RAGAVA RAJA	
4	Joint-Secretary	VIYAGULA SHARMI	
5	Treasure	VIZHAL BALAJI	
6	Social Media Head	ROJER	



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CLUB MEMBERS		
1	JOHN ANJUT	6382381039
2	ASWIN	8903272964
3	MAHARAJAN	9600990765
4	ANTONY BRITTO	9025360560
5	LERIN ASTRO	6369843365
6	AADHI SUGN	9787796448
7	ANISHMA ARTHI	7010745014
8	MARIA SNEKA	7539965838
9	REJITHA	8122847173
10	VIJI	8220924964
11	ANNIE CHRISTINA	9884915387
12	AROCKIA SREEJA	9629659568
13	GOLD LIDIYA	6374060478
14	RINISHA	6380768369
15	DERSHIYA	7418881871
16	DHARSHINI	6385817891
17	ESAKKI PANDI	9092536430
18	RICHARDSON	6374191862
19	SNOWIN	9345569352
20	SELVA SUTHAN	
21	MAGESWARAN	
22	KARTHICK	
23	VISHAL	
24	ABISHEK	

Conclusion: The inauguration event marked the commencement of an exciting and promising journey for the Drone Club. With the collective passion and expertise of its members, the club is poised to play a pivotal role in the advancement of drone technology and its applications.

Club Coordinator

HOD Mechanical

Principal