REPORT ON DRONE TECH. WORKSHOP – 2024

A workshop on "**Drone Tech. Workshop**" was conducted on 20th June 2024. The objective of conducting the workshop was offer students a hands-on learning experience, fostering creativity, and problem-solving skills, and preparing them for future careers ,who are interested in Drone Technology.

BANNER

The workshop was conducted successfully with whole hearted participation by Akash Deep N(General Manager & CEO DRONACHARYA Tech Hub)and Vishnu S S(DRONACHARYA Tech Hub Drone Integrator and Trainer), Smt. Manjula Krishnappa (Chairman, SEA group of Institutions), Mr. D.T Srinivasa (Secretary S.E.A Group of Institutions), Smt. K. Poornima Srinivasa (CEO, SEA Group of Institutions), Smt. K Anupama (joint Secretary & Treasurer, SEA Group of Institutions),Dr. Bhagavant K Deshpande (Director Engg , SEA College of Engineering & Tech), Dr.B Venkata Narayana (Principal, SEA College of Engineering & Tech) along with other staffs and girl students of the SEA College of Engineering & Technology.

Approximately 150 students from various departments attended the workshop.

OBJECTIVES OF THE PROGRAM

1.Education and Training: To educate participants about the basics of drone technology, including components, operation principles, and safety procedures.

2.Skill Development: To teach participants practical skills in flying drones, maneuvering techniques, and troubleshooting common issues.

3.Regulatory Compliance: To familiarize participants with local regulations and guidelines governing drone operations, ensuring compliance and responsible use.

4. Hands-on Experience: To provide participants with hands-on experience in flying drones under the guidance of experienced instructors.

6.Safety Awareness: To emphasize the importance of safety protocols and best practices to minimize risks associated with drone operations.

7. Networking: To create opportunities for participants to network with industry professionals, fellow enthusiasts, and potential collaborators.

8. Innovation and Creativity: To foster creativity and innovation by encouraging participants to think critically about drone technology and its potential uses.

9.Certification Preparation: To prepare participants for any necessary certifications or licenses required to operate drones professionally or commercially.

OUTCOMES OF THE PROGRAM

1.Skill Development: Participants learn how to operate drones safely and effectively, including basic and advanced flying techniques.

2.Knowledge Enhancement: Understanding of drone technology, regulations, and applications in various industries (e.g., photography, agriculture, surveying).

3.Hands-on Experience: Practical experience in flying drones, troubleshooting common issues, and using different types of equipment.

4.Safety Awareness: Emphasis on safety protocols and regulations to prevent accidents and ensure responsible drone use.

5.Networking: Opportunities to connect with fellow enthusiasts, professionals, and experts in the drone industry.

6.Project Work: Collaborative projects or exercises where participants apply their newly acquired skills and knowledge.

7.Certification Preparation: Some workshops may prepare participants for drone certification exams required by aviation authorities.

8.Innovation and Creativity: Encouragement to explore innovative uses of drones and brainstorm new applications.

Glimpse :-

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Basics of UAV
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