**Report on CDAC Workshop**

On February 13th, we had the privilege of attending a workshop organized by the Centre for Development of Advanced Computing (CDAC). The workshop provided a comprehensive overview of the core principles of internet governance, and we were fortunate to learn from esteemed speakers who shared their expertise on the subject.

The workshop began with an introduction to CDAC, its history, and its primary focus areas. We learned about the organization's establishment and its role in advancing India's technological capabilities. The speakers also delved into the importance of internet governance, highlighting the need for a robust framework to manage the internet's global infrastructure. They explained how internet governance involves the coordination of various stakeholders, including governments, private sector entities, and civil society organizations.

One of the most insightful sessions was on drone technology. The speaker provided an in-depth explanation of how drones work, highlighting their key features and components. We gained a thorough understanding of the mechanics and functionality of drones, including their navigation systems, sensors, and communication protocols. Furthermore, we had the opportunity to use drones on a simulation platform, which gave us hands-on experience with drone operation and control. This interactive session was particularly engaging, as it allowed us to apply theoretical knowledge in a practical setting.

Another highlight of the workshop was the opportunity to witness CDAC's supercomputing facilities. We were given a tour of the facility, where we learned about the capabilities and applications of supercomputing. The speaker explained how supercomputers are used in various fields, such as weather forecasting, scientific research, and cryptography. This session was fascinating, as it demonstrated the immense processing power of supercomputers and their potential to drive innovation.

In addition to these sessions, the workshop also covered various international organizations and initiatives related to internet governance. We learned about the Internet Corporation for Assigned Names and Numbers (ICANN), which plays a critical role in managing the global domain name system. The speaker explained how ICANN coordinates the allocation of IP addresses and domain names, ensuring that the internet functions smoothly and efficiently. We also learned about the Internet Engineering Task Force (IETF), which develops and maintains the internet's underlying protocols and standards.

Overall, the CDAC workshop was an enriching experience that provided us with a comprehensive understanding of internet governance, drone technology, and supercomputing. The workshop's interactive sessions and knowledgeable speakers made the experience engaging and informative. We are grateful for the opportunity to attend this workshop and look forward to applying the knowledge gained in our future endeavors.

***Link –***

<https://www.instagram.com/ieee_bvp?igsh=MTB2b2k2ZDQ1aXdpbw==>

<https://www.instagram.com/ieee_ias25?igsh=MTlqYTc3bWc4MXl3MQ==>

<https://www.linkedin.com/company/ieee-sb-bvucoe-pune/>

**snapshots from the event-**



A person in front of a projector screen

Description automatically generated



A drone on a table

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