



## IFGICT Summit Conference: Academic Unit Notes

### Academic Unit:

- **Department of Information and Communication Technology (ICT)** or a similar, relevant department.
- **Interdisciplinary unit** encompassing computer science, electrical engineering, and potentially other related fields.
- **Strong research focus** in smart cities, telecom, AI, IoT, big data, and cybersecurity.
- **Collaboration with industry** through research partnerships, internships, and joint projects.

### International Keynote Speakers:

- **Renowned experts** in the fields of ICT, smart cities, telecom, AI, IoT, big data, and cybersecurity.
- **Diverse backgrounds** including academia, industry, and government.
- **Strong track record** of research, publications, and industry impact.
- **Potential keynote speakers:**

### ICT Topics for Smart Cities, Telecom, AI, IoT, Big Data, Cybersecurity:

- **Smart Cities:**
  - Urban planning and design
  - Smart grids and energy management
  - Intelligent transportation systems
  - Public safety and security
  - E-government and citizen participation
- **Telecom:**
  - 5G and beyond
  - Network virtualization and SDN
  - IoT connectivity
  - Cloud computing and edge computing
  - Network security



- **AI:**
  - Machine learning and deep learning
  - Natural language processing
  - Computer vision
  - AI for IoT
  - AI for cybersecurity
- **IoT:**
  - IoT architectures and protocols
  - IoT data analytics
  - IoT security
  - IoT applications in various domains
- **Big Data:**
  - Big data analytics and processing
  - Big data for smart cities
  - Big data for telecom
  - Big data for AI and IoT
- **Cybersecurity:**
  - Network security
  - Cloud security
  - IoT security
  - Data privacy and protection
  - Cybersecurity for smart cities

### Workshops:

- **Organized by sponsoring companies** to showcase their products and technologies.
- **Focus on practical applications** and industry best practices.
- **Potential workshop topics:**
  - AI for business
  - IoT for smart homes
  - Cybersecurity for critical infrastructure
  - Big data analytics for marketing
- **Hands-on sessions** and demonstrations.



### Call for Papers:

- **Submission of research papers** in the conference theme areas.
- **Peer review process** to ensure quality.
- **Indexing in IEEE** for high visibility and impact.

### Debate with Keynote Speakers:

- **Panel discussion** with keynote speakers on a controversial or timely topic.
- **Audience participation** through questions and comments.
- **Moderated format** to ensure constructive dialogue.

### Additional Considerations:

- **Conference theme:** Develop a strong and focused theme to guide content and marketing.
- **Target audience:** Identify the primary target audience (academia, industry, government) to tailor conference content and marketing accordingly.
- **Marketing and promotion:** Create a comprehensive marketing plan to attract attendees, speakers, and sponsors.
- **Conference venue and logistics:** Secure a suitable venue and handle all logistical arrangements.

By carefully planning and executing these elements, the IFGICT Summit Conference can become a successful and impactful event for the academic community and industry.