

**Here are the 100 research titles on Information and Communication Advanced Technologies with the added code numbers:**

"5G Technology and Beyond: Innovations in Wireless Communication" (ESRPicat01)

"Edge Computing and its Role in IoT Applications" (ESRPicat02)

"Quantum Communication: The Future of Secure Data Transmission" (ESRPicat03)

"Advancements in Satellite Communication for Global Connectivity" (ESRPicat04)

"Blockchain-Based Secure Data Sharing in Healthcare" (ESRPicat05)

"Artificial Intelligence in Next-Gen Network Management" (ESRPicat06)

"IoT-Enabled Smart Cities: Challenges and Opportunities" (ESRPicat07)

"Cybersecurity in the Era of IoT and Cloud Computing" (ESRPicat08)

"5G and Healthcare: Remote Diagnostics and Telemedicine" (ESRPicat09)

"Next-Gen Optical Communication for High-Speed Data Transfer" (ESRPicat10)

"Big Data Analytics for Improved Network Performance" (ESRPicat11)

"Privacy-Preserving Techniques in Cloud Computing" (ESRPicat12)

"AI-Enhanced Video Surveillance and Analytics" (ESRPicat13)

"Network Slicing for Customized Services in 5G Networks" (ESRPicat14)

"Robotic Process Automation (RPA) for Business Efficiency" (ESRPicat15)

"Augmented Reality in Education: Transforming Learning Experiences" (ESRPicat16)

"Blockchain-Based Supply Chain Management" (ESRPicat17)

"Wireless Sensor Networks for Environmental Monitoring" (ESRPicat18)

"Quantum Cryptography: Unbreakable Data Security" (ESRPicat19)

"5G and Augmented Reality: Revolutionizing Entertainment" (ESRPicat20)

"AI-Driven Chatbots for Customer Service" (ESRPicat21)

"Next-Gen Vehicle-to-Everything (V2X) Communication" (ESRPicat22)

"Smart Agriculture: IoT and Data Analytics in Farming" (ESRPicat23)

"Blockchain in Digital Identity and Authentication" (ESRPicat24)

"Edge AI for Real-Time Data Processing" (ESRPicat25)

"5G and Smart Manufacturing: Industry 4.0 Revolution" (ESRPicat26)

"Next-Gen Cloud Computing and Containerization" (ESRPicat27)

"AI-Powered Language Translation Technologies" (ESRPicat28)

"Quantum Internet: A New Paradigm in Information Exchange" (ESRPicat29)

"5G and eMBB (Enhanced Mobile Broadband)" (ESRPicat30)

"Smart Grids: IoT for Efficient Energy Distribution" (ESRPicat31)

"Blockchain for Transparent Voting Systems" (ESRPicat32)

"IoT-Enabled Healthcare Wearables for Remote Monitoring" (ESRPicat33)

"AI-Based Predictive Maintenance in Industrial Equipment" (ESRPicat34)

"Quantum Computing for Complex Problem Solving" (ESRPicat35)

"5G and Internet of Things (IoT) in Retail" (ESRPicat36)

"Cybersecurity in Critical Infrastructure Protection" (ESRPicat37)

"Augmented Reality for Remote Assistance in Field Service" (ESRPicat38)

"Blockchain in Digital Advertising and Ad Verification" (ESRPicat39)

"Next-Gen GPS and Location-Based Services" (ESRPicat40)

"AI-Powered Personalized Content Recommendations" (ESRPicat41)

"Quantum Sensors for Precision Measurements" (ESRPicat42)

"5G and Smart Transportation Systems" (ESRPicat43)

"Edge Computing for Low-Latency Gaming" (ESRPicat44)

"IoT in Environmental Conservation and Wildlife Monitoring" (ESRPicat45)

"Blockchain-Based Intellectual Property Protection" (ESRPicat46)

"AI in Fraud Detection and Prevention" (ESRPicat47)

"Quantum Machine Learning: The Future of AI" (ESRPicat48)

"5G and Enhanced Mobile Services for Public Safety" (ESRPicat49)

"Next-Gen E-Commerce and Customer Experience" (ESRPicat50)

"Smart Home Automation with IoT" (ESRPicat51)

"Cybersecurity Challenges in the Era of IoT" (ESRPicat52)

"Augmented Reality in Architecture and Design" (ESRPicat53)

"Blockchain for Healthcare Data Interoperability" (ESRPicat54)

"5G and Augmented Reality in Tourism" (ESRPicat55)

"AI-Enhanced Financial Trading and Risk Management" (ESRPicat56)

"Quantum Computing for Cryptanalysis" (ESRPicat57)

"Edge AI for Autonomous Vehicles" (ESRPicat58)

"IoT in Disaster Management and Response" (ESRPicat59)

"Blockchain in Food Traceability and Safety" (ESRPicat60)

"5G and Remote Work: Future of Telecommuting" (ESRPicat61)

"Next-Gen Healthcare with Telemedicine and Telehealth" (ESRPicat62)

"Smart Education: Technology-Enhanced Learning" (ESRPicat63)

"Cyber-Physical Systems in Industrial Control" (ESRPicat64)

"Augmented Reality in Medical Training" (ESRPicat65)

"AI in Natural Language Generation and Understanding" (ESRPicat66)

"Quantum Cryptocurrency and Secure Transactions" (ESRPicat67)

"5G and Internet of Things (IoT) in Agriculture" (ESRPicat68)

"Next-Gen Financial Technologies (FinTech)" (ESRPicat69)

"Smart Retail: IoT in Shopping Experiences" (ESRPicat70)

"Cybersecurity in Autonomous Vehicles" (ESRPicat71)

"Augmented Reality for Virtual Museums and Art Galleries" (ESRPicat72)

"Blockchain in Legal Tech: Smart Contracts and Beyond" (ESRPicat73)

"AI-Enhanced Human Resources and Recruitment" (ESRPicat74)

"Quantum Sensors for Environmental Monitoring" (ESRPicat75)

"5G and Enhanced Mobile Services in Healthcare" (ESRPicat76)

"Edge AI for Intelligent Traffic Management" (ESRPicat77)

"IoT in Smart Energy Grids" (ESRPicat78)

"Blockchain for Secure Identity Verification" (ESRPicat79)

"Next-Gen Sports Technology and Fan Engagement" (ESRPicat80)

"Smart Tourism: IoT in Travel and Hospitality" (ESRPicat81)

"Cybersecurity for Critical IoT Infrastructure" (ESRPicat82)

"Augmented Reality in Marketing and Advertising" (ESRPicat83)

"AI-Powered Content Creation and Automation" (ESRPicat84)

"Quantum Key Distribution for Secure Communication" (ESRPicat85)

"5G and Augmented Reality in Education" (ESRPicat86)

"Next-Gen Space Communication Technologies" (ESRPicat87)

"IoT in Smart Waste Management" (ESRPicat88)

"Blockchain in Government and Public Services" (ESRPicat89)

"Edge AI for Industrial Automation" (ESRPicat90)

"AI in Emotional Analysis and Sentiment Recognition" (ESRPicat91)

"Quantum Machine Learning for Scientific Research" (ESRPicat92)

"5G and Augmented Reality in Healthcare" (ESRPicat93)

"Smart Governance: IoT in Public Administration" (ESRPicat94)

**These titles cover a wide range of topics in Information and Communication Advanced Technologies and have unique code numbers for each title.**