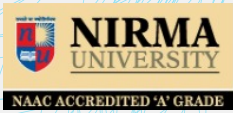


4th International Conference on Futuristic Trends in Networks and Computing Technologies (FTNCT 2021)

DECEMBER 10-11, 2021



Scope : The goal of the FTNCT is to explore the challenges, issues and opportunities both for academic researchers and industrial innovators from different domains of Networks, Computing and Communication Technologies to discuss the latest frontiers of technology and novel trends that have not been thought of before. Application areas include networking, computing, machine learning, data mining, wireless communications, big data, cloud computing, augmented reality, image processing, mobile and optical communications, cyber security. The target audience of FTNCT ranges from Senior researchers to Ph.D. and Master students. Researchers and engineers from companies are welcome, and may greatly benefit from the broad vision provided by this conference. Research papers from each track after the positive blind peer review by at-least two reviewers with good score will be selected for oral presentation during the conference. Selected and presented papers will be submitted to Scopus indexed Springer book series. Papers must be submitted electronically (in doc/docx/ PDF format) via on-line submission using the EasyChair system at the following link: <https://easychair.org/conferences/?conf=ftnct2021>



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Network and Computing Technologies

TRACK 1

- Parallel & Distributed Networks
- Social & Smart Networks
- Software Defined Networks
- Vehicular Ad-hoc Networks
- Mobile Ad-hoc Networks
- Body Area Networks
- Opportunistic Networks
- Cognitive Radio Networks
- QoS in Networks
- Networks related issues, design, architectures algorithms and applications
- Mobile & Ubiquitous Computing
- Grid & Distributed Computing
- Edge Computing
- Fog Computing
- Cloud & Big Data Technologies
- Parallel Computing
- Quantum Computing
- Cognitive Computing and their applications and related topics
- Neural Networks
- Machine learning
- Artificial Intelligence Systems
- Databases and Data Warehousing
- Decision Support Systems
- Data mining and knowledge management
- Bio-inspired computing and its applications
- Information Retrieval
- Human computer interface and related topics

Wireless Networks and Internet of Things

TRACK 2

- Wireless Sensor Networks
- Design and Implementation Issues in WSN
- Network Security and Attacks
- Network Protocols and QoS
- Node Clustering in WSN
- Routing and Architectures in WSN
- High Speed Wireless Networks and related topics
- IoT Architectures & Protocols
- IoT's impact on 5G
- IoT enabling technologies
- IoT services and applications
- IoT & Big Data Management and future internet design for various IoT use cases
- Big Data, Cloud and IoT for Smart World: Smart City, Smart Transport, Smart Grid, Smart Healthcare, Education, HMS, DSS and Expert Systems for Smart World
- E-Learning, Mobile learning and related topics

Futuristic Computing

TRACK 3

- Computational Intelligence
- Advancement in AI and Machine Learning (ML) Technologies
- Expert System & Decision Support Systems
- Deep Learning Technologies
- Nature-inspired Computing
- Natural Language Processing
- Robotics
- Computer Vision and Virtual Reality
- Augmented Reality
- Image Processing (IP) Applications
- IP for Surveillance and Security Systems
- Emerging Trends in ML and AI
- Data Mining and Analytics
- Pattern Recognition and Machine Vision
- Web and Social Media Mining, Opinion Mining, Sentiment Analysis
- Data Analysis for Smart World like Health-care, Education etc.
- Emerging Technologies and its related topics.

Communication Technologies, Security and Privacy

TRACK 4

- Communication Technologies
- Mobile Communication
- Optical Communications and Networking
- Internet of Vehicles (IoV)
- Future Internet Architecture and Protocols
- Green Communications
- Internet of Everything (IOE)
- Digital Modulation and Signal Processing and their application
- Coding and Information Theory
- Speech/Image/Video Processing and its applications
- Cloud and Swarm Robotics
- Cyber Physical Systems
- Security & Privacy in Computing Technologies
- Security in IoT & Cloud
- Cyber Security and Malware protection
- Data Security and Disaster Recovery
- Security in Mobile Networks
- E-Governance
- Security in E-Governance and related topics
- Visible Light Communication
- Secured Free Space Optics
- Optical Steganography

IMPORTANT DATES

Submission of Full Papers Deadline :
November 15, 2021

Notification of Acceptance Deadline :
November 25, 2021

Submission of Accepted Camera-Ready Papers Deadline :
December 5, 2021

Conference Dates :
December 10-11, 2021

VENUE

ORGANIZED BY:
Department of Computer Science and Engineering, Institute of Technology, Nirma University, India

Sarkhej - Gandhinagar Highway, Gota, Ahmedabad 382481, Gujarat, India

CONFERENCE FEES

CATEGORIES OF DELEGATES / AUTHORS	REGISTRATION BEFORE NOVEMBER 25 2021		SPOT REGISTRATIONS (ONLY IN CASH)		
	IEEE/ ACM MEMBERS	GENERAL	IEEE/ ACM MEMBERS	GENERAL	
INDIAN AUTHORS & DELEGATES (IN INR)					
Authors	Full Time Students*	5000	5500	6000	6500
	Teachers/ Research Scholars/ Industry	5500	6000	6500	7000
Delegate	Student/ Research Scholars/ Academician/ Industry	2000	2000	2500	2500
FOREIGN AUTHORS & DELEGATES (IN USD)					
Authors	Full Time Students*	150	200	250	250
	Teachers/ Research Scholars/ Industry	200	225	250	250

*For extra pages, Indian author Rs. 500 per page and foreign author USD 20 per page

