INTERNATIONAL CONFERENCE

on

EMERGING TECHNOLOGIES FOR COMPUTING, COMMUNICATION AND SMART CITIES (ETCCS-2021)

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Baba Farid Group of Institutions, incepted in the year of 1993 under the guidance of Baba FaridVidyak Society, is one of the prominent education hubs in India. Founded and Managed by reputed educationist Dr. Gurmeet Singh Dhaliwal (Chairman). The institution is delivering the academic excellence with complete panache. Being the leading Educational Institute of the region, it is a preferred destination of Indian and International learners to attain their career goal.

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Baba Farid College of Engineering and Technology is the one of premier institute of Malwa region of the State of Punjab. BFCET is a prominent institute of BFGI, established in 2008 approved by AICTE and affiliated to Maharaja Ranjit Singh Punjab Technical University, Bathinda. Step by Step BFCET has grown and has risen like a star on academic horizon. The main strength of the institution is to impart the practical skills to the students with the support of excellent infrastructureand highly qualified faculty.

ABOUT CONFERENCE

The prime aim of International Conference on Emerging Technologies for Computing, Communication and Smart Cities (ETCCS-2021) is to invite the researchers from different domains of Networks and Communication Technologies, Emerging Computing Technologies, Smart World and Smart Cities Technologies at a single platform to show case their research ideas. Conference will cover the novel ideas based on algorithms, surveys, policies, architectures, communication challenges and future research aspects. Topics of interest include, but are not limited to the following tracks; Network and Computing Technologies, Wireless Networks and Internet of Things (IoT), Futuristic Computing Technologies, Communication Technologies, Security and Privacy, Green and sustainable requirements, features & strategies in smart cities. Conference will provide total Five technical tracks to all authors for their submission. So, each author may identify the most suitable track matching to their article/ research paper for submission of paper. Conference is proposed with the idea of an annual ongoing event to invite researchers on a single platform to exchange their ideas and thoughts. It will definitely evolve as an intellectual asset in long term years after years. Efforts will be put to make this conference as one the best conference in its area in upcoming years. 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 papers after the further revision will be submitted to Publishing Partner Springer Series (Approved from Springer).

CALL FOR PAPERS

Original contributions from researchers describing their original, unpublished, research contribution which is not currently under review by another conference or journal and addressing state-of-the-art research are invited to share their work in all areas of the conference tracks. The papers submitted should be relevant to conference tracks as listed. Papers will be blind reviewed by the Technical Program Committee.

CONFERENCE TRACKS

Original unpublished articles are invited for submission to following tracks including the topics, but not limited to:

Track 1- Emerging Computing Technologies

Computational Intelligence, Advancement in AI and Machine Learning (ML) Technologies, Expert System & Decision Support Systems, Deep Learning Technologies, Soft Computing, 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, Data Analytics & Intelligent Learning, Opinion Mining, Sentiment Analysis, Data Analysis for Smart World like Health-care, Education etc. and Emerging Technologies and its related topics.

Track 2- Network and Computing Technologies

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 Computing, Distributed Computing, Edge Computing, Fog Computing, Cloud & Big Data Technologies, Parallel Computing, Quantum Computing, Cognitive Computing and their applications and related topics.

Track 3- Wireless Networks and Internet of Everything (IoE)

Wireless Sensor Networks, Design and Implementation Issues in WSN, Network Security and Attacks, Network Protocols and QoS, Energy Efficiency, Time Synchronization in WSN, Query Processing and Data Aggregation, 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, Unmanned Aerial Vehicles (UAVs), Internet of Everything (IoE), Internet of Vehicles, and related topics.

Track 4- Communication Technologies, Security and Privacy

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, Virtual Private Cloud & Services, 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.

Track 5- Next Generation Computing Technologies

E-Governance, Cyber Physical Systems, Cyber Security, Cognitive and Biologically-inspired Vision,Advancement in Image Processing, Vision Systems Ontology, Virtual Reality, Cognitive Computing, Intelligent Apps, DevOps, Cyber Security and Malware protection, Biometric Security, Security Issues in IoT, IoV, IOE, Computational Intelligence, Advance Software Engineering, Data Mining and Knowledge Management, Web intelligence and multimedia, ambient computing, human computer interaction, intelligent control, Coding and Information Theory, Block chain,Image and Speech Processing, etc

IMPORTANT DEADLINE

Submission of Full Papers Deadline	~~15 April, 2021~~ **15 May , 2021**
Notification of Acceptance Deadline	**15 June, 2021**
Submission of Accepted Camera -Ready Papers Deadline	**1 July, 2021**
Author's Registration Deadline	**20 July, 2021**
Conference Dates	**21-22 August, 2021**

Conference Website - http://www.iacet.co.in/etccs-2021/

Paper Submission Link - https://easychair.org/conferences/?conf=emtccs2021

REGISTRATION FEES

Important Dates and Fee for Registration

Category of Delegates / Authors		Early Bird on or before 20 June, 2021		After 20 June, 2021		Spot Registration (only in Cash)	
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* For extra pages, Indian author Rs. 750 per page and foreign author USD 25 per page.

• Each paper must have a UNIQUE SEPARATE REGISTRATION, i.e., separate registration fee is to be paid for each accepted paper in order to be included in the proceedings.
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