



**2020 International Conference**  
**on**  
**Computer Science, Engineering and Applications**  
**(ICCSEA 2020)**

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**Organized by**  
**Department of Computer Science & Engineering**  
**GIET University, Gunupur-765022, India**

**IEEE**  
**KOLKATA SECTION**



**Special Session Title**

**“Emerging Trends & Technologies in Computing & Management”**  
**(ETTICM)**

**Need & Objective of the session:**

The main aim of this special session is to discuss about the **Emerging Trends and Technologies in Computing and Management**. This session aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all **Emerging Trends and Technologies in Computing and Management**. This will provide a forum for the interaction and integration in the related disciplines.

**Special Session Organizer/Chair:**

**Prof. Hardeep Singh**

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**Topics of Interest:**

(A). Big Data, Cloud Computing, Internet of Things, Information Security, Electronic CAD Tools, Smart Vehicles, VLSI Technology Trends, Configurable Computing, Optical Computing, Molecular Nanotechnology, Quantum Computing, IT & Security Considerations, Sustainable Computing, Green Computing, Systems, Robotics & Automation

(B). Cyber Insurance, Cyber Security, Business Intelligence & IT Security, Ethical Hacking, Alignment of Business and IT Security Efforts, Security Awareness, Big Data Analysis, Data Mining, Natural Language Programming, Biometrics Security, Cloud Security & Privacy, Cryptography, Database Security & Privacy, Distributed Systems Security & Privacy.

(C). Emerging Trends & Technologies in E-Governance/M-Governance/E-business/ECommerce/ETraining/MCommerce, Mobile Computing, Cloud computing

(D). Power Engineering & Power Systems, Electromagnetic Compatibility, Energy Conversion, High Voltage Engineering & Insulation, Power Delivery, Power Electronics, Illumination, Control Theory & Applications, Adaptive & Learning Control System, Fuzzy & Neural Control, Mechatronics, Manufacturing Control Systems & Applications, Process Control.

(E). Communication & Signal Processing, Audio-Visual Recording & Storage, Image/Video Coding, 3D Video Representations & Compression, 3D Graphics & Animation Compression, HDTV & DVBT systems, Video Adaptation, Wireless Video Broadcasting & Communication, Visual Surveillance, Video Restoration, MultiCamera Video Analysis, Motion Analysis, Face & Gesture Processing, Video Synthesis, Architectures for Image/Video Processing.

(F). Nanotechnology and Upcoming Careers for Engineers, Communication Skills and Engineering Career, Stress Management, Time Management, English Language and Growth Opportunities in Career, Role of Social Sites in building Professional Relationships, Fluent English Speaking and International Careers, Role of English Speaking in Upliftment of Career.

**Biography:** Hardeep Singh working at present as Assistant Professor & Head Training & Placement Department at Ferozpur College of Engineering & Technology (FCET), Ferozpur in Punjab is life member of many national & international bodies like IAER, CSI, IACSIT, IEDRC, ASR MAG, APBITMS, IFRSA, ISTD, PCMA, IIEM, IETE, BPM. He has received numerous Awards from prestigious institutions of international repute and has been esteemed to deliver Key-Lectures/ Invited Talks/ Expert Lectures at various seminars and conferences at national/international level. He is Gold Medalist and has published more than 100 papers in journals of national/international fame. He has also received “Best Young Teacher Award 2016”, “Best Young Researcher Award 2017”, “Republic Day Achievers Award 2018” and “Young Philosopher Award 2019”. Currently he was invited as Conference Chair with ‘International Conference on Computational Methods, Simulation and Optimization (ICCMO 2018)’ June 22-24, 2018 held at Asian Institute of Technology Conference Center, Bangkok Thailand and ‘The 2018 World Congress in Computer Science, Computer Engineering & Applied Computing’ 30th July – 02nd August, 2018 held at Luxor (MGM), Las Vegas, USA. Mr. Singh has attended 68 International Conferences; 42 National Conferences; and has more than 100 Research Papers and more than 100 International and National Research Publications. Constraint in space provides limited provision to enumerate his laurels as he is a genius person devoted devoutly to his academic pursuance.

### **Potential Reviewers:**

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