

## **Dr. Sathish Babu B**

### **BOOK CHAPTERS:**

1. Jagadmba G and Sathish Babu B, "Security in Cyber-Physical Systems: A Generalized Framework based on Trust with Privacy", "Cyber Physical Systems –A Computational Perspective" , CRC Press, Taylor & Francis Group, 2015
2. K. Bhargavi, and B. Sathish Babu, "GPU Computation and Platforms", in Emerging Research Surrounding Power Consumption and Performance Issues in Utility Computing, IGI Global Publications, 2016
3. K. Bhargavi, and B. Sathish Babu , " Accelerating the Big Data Analytics by GPU based Machine Learning: A Survey ", in International Symposium on Sensor Networks, Systems and Security, Springer Verlag, Florida, USA, 2018
4. Jagadmba G and Sathish Babu B, "Keystroke Dynamics in E-Learning and Online Exams", in Biometric Authentication in Online Learning Environments, IGI Global Publications, 2019.
5. B. Sathish Babu, Bhargavi K, and K.N. Subramanya, "Optimal Parameter Prediction for Secure Quantum Key Distribution using Quantum Machine Learning Models", in Quantum Cryptography and the Future of Cyber Security, IGI Global publications, IGI Global publications, 2020.
6. K. Bhargavi and B. Sathish Babu, "Application of Convolutional Neural Network and its Architectures for Fungal Plant Disease Detection", in Artificial Intelligence and IoT-Based Technologies for Sustainable Farming and Smart Agriculture, IGI Global Publications, 2020

### **OTHER ACTIVITIES AND NETWORKING:**

- Jury member of Smart India Hackathon, 2020.
- Faculty advisor for inter-disciplinary research committee in the domain of Quantum Computing,
- Member of Institutional level Examination Committee.
- Editorial Member of RVCE Journal and VTU Interdisciplinary journal
- Mentor, Samsung PRISM Consultancy project.
- Member BOS, BOE, RVCE, Bangalore
- Member BOS, Dept. of ISE, MSRIT
- Member BOE, Dept. of CSE, MSRIT
- Member BOS, Dept. of CSE, Reva University
- Member BOE, Dept. Of CSE, NMIT, Bangalore
- Member BOS, Dept. Of ISE, NMIT, Bangalore (VTU Nominee)
- Member BOE, SIT, Tumkur
- Member BOS, KLE Gogte Institute of Technology, Belgaum
- Former Member Advisory body, Dept. of ISE, Acharya Institute of Technology, Bangalore
- Former Member BOS, CMRIMS, Bangalore
- Former Member BOE, UVCE, Bangalore

**MEMBER OF DOCTORAL COMMITTEE AND PH.D. EXAMINER:**

- Visveswaraya Technological University, Karnataka
- PES University, Karnataka
- Reva University, Karnataka
- University of Mysore, Karnataka
- Anna University, Tamilnadu
- Bharatiyar University, Tamilnadu
- Amrutha University, Karnataka
- Sathyabhama University, Tamilnadu
- Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University (SCSVMV), Tamilnadu