

# First International Symposium on

# COMPUTATIONAL INTELLIGENCE ISSUES IN BLOCKCHAIN TECHNOLOGY AI AND ML

# Organized by

Department of Computational Intelligence School of Computer Science and Engineering

Symposium Date: 14/05/2021

Conference Mode: Online (MS Team / Zoom)

#### **Important Dates**

Last Date for paper submission: 10<sup>th</sup> May, 2021 Acceptance Notification: 12<sup>th</sup> May, 2021

# About the Institute

VIT was founded in 1984 as Vellore Engineering College by the Chancellor, Dr. G. Viswanathan. It was conferred the University status in 2001 in recognition of its excellence in academics, research and extra curricular initiatives. Currently, VIT has 4 campuses – in Vellore, Chennai, Amaravati (AP) and Bhopal (MP). VIT has been consistently ranked among the best institutions of the country, and is aspiring to emerge as a global leader. The National Institutional Ranking Framework (NIRF) of the MHRD, Government of India, has identified VIT as the best Private Engineering Institution in India. With students from all the states of India and from more than 50 countries, the cosmopolitan VIT persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. VIT provides an appropriate ambience for holistic learning and comfortable living. Sports, games and cultural activities are an integral part of student life on campus. VIT holds an exemplary placement record by consistently placing more than ninety percentage of the students in good companies. The VIT's international linkages provide ample opportunities for students and faculty to gain global exposure. VIT alumni, spread across the world, are serving the most advanced as well as the most deprived societies.

# About School of Computer Science and Engineering

History of computing discipline at VIT dates back to 1993, when the Department of Computer Science & Engineering was established to meet the demand for well-qualified computer professionals. The School of Computer Science and Engineering (SCOPE) was conceived in the year 2009. At present, the School has more than 8982 students and 148 core faculty members apart from many visiting professors, distinguished professionals from industry, eminent researchers and teaching/ research assistants. The school has one of the best infrastructure including domain-specific labs associated with the technical departments - many of these labs are sponsored by industry leaders e.g. IBM, Cisco, Sun Microsystems, Red Hat and Microsoft. The School has a good record of organising seminars, workshops, symposia and conferences in emerging technological areas.

#### Chief Patron

Dr. G. Viswanathan
Chancellor

#### **Patrons**

Shri. Sankar Viswanathan
Vice President
Dr. Sekar Viswanathan
Vice President
Shri. G. V. Selvam
Vice President
Dr. Rambabu Kodali
Vice Chancellor
Dr. S. Narayanan
Pro Vice Chancellor
Dr. K. Sathiyanarayanan
Registrar

# Organizing Chair

Dr. K. Ramesh Babu Dean School of Computer Science and Engineering

# Co-Organizing Chair

Dr. R. Sasikala HOD Department of Computational Intelligence

#### Conveners

Dr. M. Rajasekhara Babu
Dr. B. Chandra Mohan
Dr. A. Nagaraja Rao
Department of Computational Intelligence
School of Computer Science and Engineering

# **About the Symposium**

In recent years, research and development on bit-coin, block-chain technology, smart contract are growing rapidly. The digital currency will lead the world by its excellent data structure and computing functionality. Networking technologies, security and privacy, and machine learning are applied to digital currency for optimal results. This Symposium aims to bring together researchers in the areas related to block-chain, digital currency and smart contract in a single platform to present their stimulating research and knowledge transfer ideas. However, we also recognize that the future for digital currency and smart contracts requires interdisciplinary teams to solve new, complex, and evolving problems that will require innovative solutions. Therefore, we encourage the participation of other disciplines in this symposium where multidisciplinary research and knowledge transfer projects are presented. We encourage students to demonstrate their mini projects, capstone projects and their implementation such as Apps, Software in the symposium.

#### **Paper Submission:**

Submissions are welcomed with any topics on digital currency and block chain, especially, but not limited to:

Computational Intelligence Issues in Cryptocurrency

AI and ML in Cryptocurrency

Block Chain Technology

Smart Contract and Ethereum

Hyber Ledger in Cryptocurrency

Inter disciplinary issues using blockchain

Practice & Problems in Cryptocurrency and blockchain

Capstones & Projects in Cryptocurrency and blockchain

Software, Apps and Tools in Cryptocurrency and blockchain

Poster Session in Cryptocurrency and blockchain

Demonstrations in Cryptocurrency and blockchain

### Please submit your paper to: chandramohan.b@vit.ac.in

#### **Certification & Publication**

Digital Certificates for the Participation and presentation will be issued. All the accepted papers will be published in Conference Proceedings with ISBN Number.

### For any clarifications, Pls Contact:

Dr. Chandra Mohan B, chandramohan.b@vit.ac.in

Dr. Rajasekhara Babu M, mrajasekharababu@vit.ac.in

Dr. Nagaraja Rao A, <u>nagarajaraoa@vit.ac.in</u>

#### **Advisory Committee**

- Dr. Abul Bashar, Assistant Professor, College of Computer Engineering and Science, Prince Mohammad Bin Fahd University, Kingdom of Saudi Arabia
- Dr. E. Sivasankar, Dept of Computer Science and Engg, NIT Trichy
- Dr. U. S. N. Raju, Assistant Professor, Dept of CSE, NITW, Warangal
- Dr. S. Venkatesan, Assistant Professor, IIIT Allahabad
- Dr. P. Sakthivel, Dean, University college of Engg, Kanchipuram, India
- Dr. R. Baskaran, ACOE, College of Engg, Guindy, Chennai
- Dr. D. Sridharan, Director, Center for Faculty Development, Anna University, Chennai
- Dr. S. Prabu, Department of Information Security, SCOPE, VIT, Vellore
- Dr. S. Vairamuthu, Department of Software Systems, SCOPE, VIT, Vellore
- Dr. H. Parveen Sultana, Department of Database Systems, SCOPE, VIT, Vellore
- Dr. G. Priya, Department of Analytics, SCOPE, VIT, Vellore
- Dr. M. Anand, Department of IoT, SCOPE, VIT, Vellore

#### **Technical Program Committee**

- Dr. Debi Prasanna Acharjya, Prof, SCOPE, VIT, Vellore
- Dr. Jaisakthi SM, Asso Prof, SCOPE, VIT, Vellore
- Dr. Anto S, Asso Prof, SCOPE, VIT, Vellore
- Dr. Deebak B D, Asso Prof, SCOPE, VIT, Vellore
- Dr. Jothi K R, Asso Prof, SCOPE, VIT, Vellore
- Dr. Navamani T M, Asso Prof, SCOPE, VIT, Vellore
- Dr. Sathiya Kumar C, Asso Prof, SCOPE, VIT, Vellore
- Dr. Shashank Mouli Satapathy, Asso Prof, SCOPE, VIT, Vellore
- Dr. Usha K, Asso Prof, SCOPE, VIT, Vellore
- Dr. Geraldine Bessie Amali D, Asso Prof, SCOPE, VIT, Vellore
- Dr. Arivoli A, Asso Prof, SCOPE, VIT, Vellore
- Dr. Jagalingam P, Asso Prof, SCOPE, VIT, Vellore
- Dr. Vishnu Srinivasa Murthy Y, Asso Prof, SCOPE, VIT, Vellore
- Dr. Rajarajan G, Asso Prof, SCOPE, VIT, Vellore
- Dr. Murugan.K, Asso Prof, SCOPE, VIT, Vellore
- Dr. Sunil Kumar PV, Asso Prof, SCOPE, VIT, Vellore
- Dr. Nitin Singh Rajput, Asso Prof, SCOPE, VIT, Vellore
- Dr. Lijo V P, Asso Prof, SCOPE, VIT, Vellore

# Registration Fee

- UG & PG Students (From VIT) Rs. 100
- UG & PG Students (Outside VIT) Rs. 200
- Research Scholars (From VIT) Rs. 200
- Research Scholars (Outside VIT) Rs. 300
- Industry Participants Rs.500
- Participants from Abroad Rs.200 / USD03 (VIT Alumni PG Students and Research Scholars), Rs.350 / USD05 (For UG & PG Students), Rs.700 / USD10 (For Others)
- Workshop Rs.100