

## ***ABOUT THE CONFERENCE***

The scope of the 4th International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC 2020) is to provide an international forum for the exchange of ideas among interested researchers, students, developers, and practitioners in the areas of Computational Vision and Bio Inspired Computing. It is being organized on 19-20, November 2020 by the Inventive Research Organization in association with RVS Technical Campus. ICCVBIC will provide an outstanding international forum for sharing knowledge and results in all fields of science, engineering and Technology. ICCVBIC provides quality key experts who provide an opportunity in bringing up innovative ideas. Recent updates in the in the field of technology will be a platform for the upcoming researchers. The conference will be Complete, Concise, Clear and Cohesive in terms of research related to science and Technology.

## ***ABOUT THE COLLEGE***

The RVS Technical campus intends to be the preeminent research and teaching institution linking the people of our institutions to the nation and the world by providing quality, career focused education and world class specializations. The vision to be a world class Institution for Engineering and Managerial Education by imparting quality education of global standards and formulate students academically superior, socially committed, ethically strong and culturally rich citizens.

## ***CALL FOR PAPER***

- Adaptive Fuzzy Pattern Recognition
- Agent Based Modeling and Fuzzy Logic
- Artificial Life and Artificial Immune Systems
- Autonomy-Oriented Computing
- Bio Sensors
- Bio-Based Models and Paradigms in Computer Vision
- Bioinformatics and Cheminformatics
- Bio-Inspired Fuzzy Clustering, Image Classification
- Bio-Inspired Fuzzy Logic Controllers for Power System Stabilizers
- Bio-Inspired Fuzzy Models Applied to Cloud Computing
- Biological Computing
- Biological Vision to Artificial Vision
- Biologically Inspired Imaging and Sensing
- Biologically Inspired Sensors Design
- Cellular and Molecular Automata
- Cognitive Concept Learning under the Environment of Big Data
- Complex Data Analysis: Pre-Processing and Processing and Other Real Life Static and Dynamic Problems
- Computational Complexity
- Computational Neuroscience
- Bio Security
- Computer Vision Methods for Bioinformatics
- Data Fusion, Knowledge Discovery and Data Mining
- DNA and Molecular Computing
- DNA Nanotechnology
- Evolutionary Computing and Genetic Algorithms
- Expert Systems
- Eye-Based Biometric Recognition Systems
- Fuzziness Application in Big Data
- Fuzzy Logic Approaches in Evolutionary Computation
- Fuzzy-Neural and Hybrid Schemes in Adaptive Estimation and Control
- Granular Computing based Concept Learning Algorithms for Big Data
- Human Computer Interaction
- Learning based on Fuzzy Rule-Based Systems
- Machine Learning and Decision Science
- Mathematical Foundations of Formal Concept Analysis for Incremental Computing
- Mathematical Models of Granular Computing for Parallel Computing
- Microelectronics for Fuzzy and Bio-inspired Systems
- Multiobjective Bio-Inspired Fuzzy Systems
- Multi-Granularity and Multi Layered Models of Concept Lattice
- Neuro-Fuzzy Technologies for Medical and Bioengineering Applications
- Unconventional and Biologically Inspired Signal/Image Processing.
- Visual-Based Interactive Robotics
- Image Processing in IoT
- Image Processing in Bio Medical Applications

## ORGANIZING COMMITTEE

### Patron

**Dr. Y. Robinson,**  
Director,  
RVS Technical Campus,  
Coimbatore,  
India.

### Conference Chair

**Dr. S. Smys,**  
Professor,  
Department of CSE,  
RVS Technical Campus,  
Coimbatore, India.

### Technical Program Chairs

- ❖ Dr. S. Smys, Professor, Department of CSE, RVS Technical Campus, Coimbatore, India.
- ❖ Dr. Joao Manuel R. S. Tavares, Universidade do Porto, Portugal.
- ❖ Dr. Robert Bestak, Czech Technical University in Prague, Prague, Czech Republic.
- ❖ Dr. Fuqian Shi Graduate Faculty Scholar, College of Graduate Studies at the University of Central Florida, USA

## SUBMISSION FORMAT

All papers must be formatted according to the Springer template, with a maximum length of 12-15 page including figures and references in Microsoft Word /Latex Format. All proposed papers must be submitted in electronic form using the ICCVBIC 2020 submission management system or through Email [[iccvbic@gmail.com](mailto:iccvbic@gmail.com)].

Conference website: <http://iccvbic.org/home/>

## REGISTRATION FEE DETAILS

Indian Author: INR 9500

Indian Listener: INR 5500

Foreign Author: 150 USD

## VENUE

Hotel Arcadia,  
Coimbatore,  
Tamil Nadu,  
India.

## PREVIOUS YEAR PUBLICATION

### LINK:

2017:

<https://link.springer.com/book/10.1007/978-3-319-71767-8>

**Citations: 71; Downloads 125K**

2018:

<https://www.springer.com/gp/book/9783030418618>

2019:

<https://www.springer.com/gp/book/9783030372170>

## CONTACT

### Conference Chair

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## 4th International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC 2020)

On  
**19-20, November 2020**

Organized by

*RVS Technical campus*



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