

Workshop on Intelligent Systems,
WINS 2023

Hybrid Event, Chennai, India
20th May – 21st May 2023.

Organized by Advanced Computing Research Society

Proceedings

Edited by

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Preface

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On the birth centenary of Edgar Frank Codd, Advanced Computing Research Society organized CODD 100 – 7th International Conference on Computing Sciences (ICCS 2023), was held on 20th May 2023 and 21st May 2023. Workshop on Intelligent Systems is a satellite event of ICCS 2023. The workshop was conducted in Hybrid Mode. Workshop was attended by 54 participants.

Intelligent Systems are systems that incorporate intelligence into applications being handled by machines. They perform search and optimization along with learning capabilities. Workshop on Intelligent Systems invited research work that focus on the novel approaches, theoretical aspects, new algorithm development and applications in the following areas of research.

- Multidimensional Artificial Intelligence
- Machine Vision and Information Exchange
- Applied Ambient Intelligence
- Soft computing and Applications
- Cognitive Computing and Theory
- Deep Learning Perspectives
- Crowd Sourcing and Collective Intelligence
- Pattern Recognition and Language Processing

- Optimization Approaches

We received thirteen papers and out of which six papers were accepted and presented in the workshop. Initial screening was done using Turnitin Plagiarism software. The papers were evaluated on the basis of completeness, relevance to the workshop, originality, novelty, technical quality, structure and presentation of the paper and adequate references to previous work. Every paper was reviewed by 3 reviewers and the review comments were shared with the authors for incorporating the suggestions and comments.

Workshop had participation from various countries – India, Australia, Spain, United States, Peru, Singapore, Malta, UAE, Poland, Iraq and Romania.

We are thankful to the CEUR Workshop Proceedings (CEUR-WS.org) advisory and management team for providing valuable guidance and for publishing this workshop proceedings. We thank all the Committee members for their valuable inputs and time, for making this workshop very successful. We thank all the authors and presenters for disseminating their research outcomes through this workshop. We appreciate each and everyone involved to have made this workshop meaningful.

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