

## **Harnessing the Power of Computational Intelligence in varied Domains**

Over the few decades AI has evolved and branched into many a dimension. The theory, design, implementation, and advancement of computing paradigms that are driven by biological and linguistic phenomena is known as computational intelligence (CI). Also, CI is a branch of artificial intelligence (AI) that deals with creating algorithms and systems that can learn from data and make decisions based on what they have learned. Neural networks, fuzzy systems, and evolutionary computation have traditionally been the three major foundations of CI.

Computational intelligence is a developing subject that also includes ambient intelligence, artificial life, cultural learning, artificial endocrine networks, social reasoning, and artificial hormone networks in addition to the three fundamental components.

This special session focusses the research outcomes especially in the area of neural networks, machine learning and deep learning to solve the problems in plethora of day-to-day life. These domains include but not limited to healthcare, agriculture, IoT, remote sensing etc.

Any topics related to the application of computational intelligence in the above-mentioned domains are invited to be submitted.

**Keywords:** Artificial Intelligence (AI), Computational Intelligence, Internet of Things (IoT), Healthcare, Agriculture.

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