

7<sup>th</sup> International Conference

on

Micro-Electronics, Electromagnetics and Telecommunications

ICMEET - 2022

22-23 July

Organized by



Shri Vishnu Engineering College for Women (Autonomous),  
Bhimavaram, Andhra Pradesh, India.

## CALL FOR PAPERS

### Special Session on

“Emerging Trends in Cognitive Computing and Deep Learning (ETCDL)”

#### Session Chair(s):

Dr. B.Janakiramaiah, Professor, Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada, Andhra Pradesh, India.

C S Pavan Kumar, Assistant Professor, Dept. of IT, VRSEC, [pavanchitturi@vrsiddhartha.ac.in](mailto:pavanchitturi@vrsiddhartha.ac.in)

#### Theme of Session:

The main aim of the special session on “Emerging Trends in Cognitive Computing and Deep Learning (ETCDL)” is to provide a global forum where investigators and practitioners in the fields of Speech Recognition, Sentiment Analysis, Face Detection, Fraud Detection, Recommendation systems, Image Analysis, Bio-Informatics, Customer Relationship Management and Natural Language Processing can present their research outcomes. The intent of this session is to discuss the state-of-the-art research paradigms aligned with the above theme by the researchers exchanging their ideas and disseminate their results and vision.

Cognitive computing is a combination of cognitive science and computer science. Cognitive computing models provide a realistic roadmap to achieve artificial intelligence. Cognitive computing represents self-learning systems that utilize machine learning models to mimic the way brain works. Eventually, this technology will facilitate the creation of automated IT models which are capable of solving problems without human assistance. Today, cognitive computing plays a major role in number of applications areas for efficient data analysis and for better level of customer interactions.

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### Topics of Interest:

We invite original (un-published) research contributions based on the above-mentioned theme including following topics but not limited to:

- Cognitive Analytics
- Artificial Intelligence
- Deep Learning
- Image Processing
- Computer Vision
- Remote Sensors
- Machine Learning
- Soft Computing Techniques
- Cloud Computing
- Bio-Informatics
- Sensor Networks
- Natural Language Interaction
- Video Analysis
- Speech Recognition
- Sentiment Analysis

### Paper Submission Process:

Please submit your paper (in word/pdf format) at

Email: [spsessionetcdl@gmail.com](mailto:spsessionetcdl@gmail.com)

with “Article submitted to Special Session – ETCDDL - ICMEET” mentioned in the subject line.

### Program Committee:

Dr. L D Dhinesh Babu, Professor, School of Information Technology, VIT-Vellore.

Dr. Pradeep Reddy, Professor, School of CSE, Assistant Director – Placements, VIT- AP.

Dr. S Sumathi, Professor, School of Information Technology, VIT-Vellore.

Dr. M Raja Sekara Babu, Professor, School of Computer Science & Engineering, VIT.

Dr. V Madhu, Professor, School of Computer Science & Engineering, VIT-Vellore.

Dr. S Santhosh Kumar, Sr. Consultant, Hitachi Vantara, India.

Ms. Gayathri N, Data Science Trainer, Springboard, Frankfurt, Germany.

For any further queries related to this special session, please contact the session chairs at:

E-mail ID: [pavanchitturi@vrsiddhartha.ac.in](mailto:pavanchitturi@vrsiddhartha.ac.in)

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