# 8th International Conference on
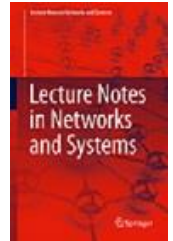# Internet of Things and Connected Technologies
# (ICIoTCT) 2023

## 29-30th September 2023
### (Online)

https://iciotct2023.iaasse.org/index.html

Conference Proceedings will come on Conference Papers including Indexing
ALL ACCEPTED & PRESENTED papers will be published in SCOPUS indexed Springer PROMS
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## 👤 Session - 3
## Data Analytics and Machine Learning

**Dr. P. LaxmiKanth**
Associate Professor,
Department of CSE,
Vignan Institute of Technology &
Science, Deshmukhi,
JNTUH Telangana, India
📱 +91 9849170207
✉ pydipalalaxmikanth@gmail.com

**Dr. O. Sri Nagesh**
Professor,
Department of CSE,
Vignan Institute of Technology & Science,
Deshmukhi, JNTUH Telangana, India
📱 +91 9652607142
✉ nagesh.osri@gmail.com

**Dr. G. Raja Vikram**
HOD & Professor,
Department of CSE,
Vignan Institute of Technology & Science,
Deshmukhi, JNTUH Telangana, India
📱 +91 6309179595
✉ grajavikram@gmail.com

**Dr. P. Muralidhar**
Associate Professor,
Department of CSE,
Vignan Institute of Technology & Science,
Deshmukhi, JNTUH Telangana, India
📱 +91 8688525390
✉ vijayamuralisarma@gmail.com

**Dr. Manoj Kumar Mahtho**
Associate Professor,
Department of CSE,
Vignan Institute of Technology & Science,
Deshmukhi,
JNTUH Telangana, India
📱 +91 9905160388
✉ manojkr.bit@gmail.com

**Mr. V.S.S.P.L.N.Balaji Lanka**
Assistant Professor,
Department of CSE,
Vignan Institute of Technology & Science,
Deshmukhi, JNTUH Telangana, India
📱 +91 9989673572
✉ balaji7.cse@gmail.com

## Submission Guidelines

Papers reporting original* and unpublished research results pertaining to the related topics are solicited. *(papers with plagiarism more than 30% will be outrightly rejected)

Full paper manuscripts must be in English of up to 10 pages as per format.

For the author's convenience, Springer has summarized the in the Author Guidelines document how a proceedings paper should be structured, how elements (headings, figures, references) should be formatted using our predefined styles, etc. The PDF of the Authors Guidelines can be downloaded from the given link or as part of the zip files containing the complete sets of instructions and templates for the different text preparation systems. Springer has developed LaTeX-style files and Word templates to help prepare papers. LaTeX is the preferred format for texts containing several formulae, but Word templates are also available at the following link
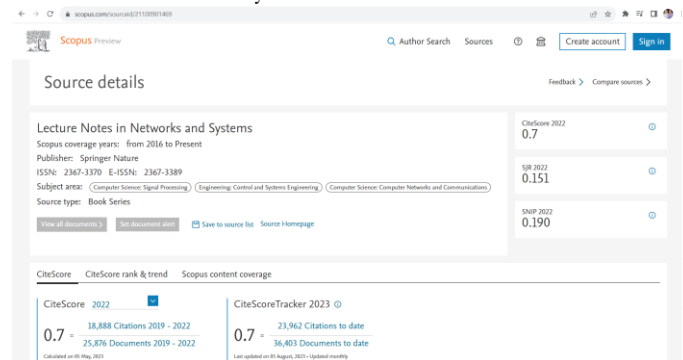
https://www.springer.com/gp/authors-editors/conference-proceedings/conference-proceedings-guidelines

Submissions should **NOT** include the author(s) affiliation(s), e-mail address(es), and postal address(es) n the manuscripts. Papers will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation. Paper submission implies the intent of at least one of the authors to register and present the paper if accepted.

## Presentation through a Virtual Platform

Amid prevailing conditions due to COVID-19, a virtual meeting platform may be made available for all registered authors who intend to submit their work but are unable to attend the conference. Authors may register and present their papers through the virtual platform. Authors shall be sent a Certificate of Participation, Conference Proceedings link, and relevant literature by mail.

https://www.scopus.com/sourceid/21100901469

The proposed 8th International Conference on Internet of Things and Connected Technologies (ICIoTCT) 2023 presents key ingredients for the 5th Generation Revolution. The ICIotCT 2023 conference is a platform to discuss advances in Internet of Things (IoT) and connected technologies (various protocol, standards etc.). The recent adoption of a variety of enabling Wireless communication technologies such as RFID tags, BLE, ZigBee, etc. and embedded sensor and actuator nodes, and various protocols such as CoAP, MQTT, DNS etc. have made IoT to step out of its infancy. Now smart sensors can collaborate directly with machine without human involvement to automate decision making or to control a task. Smart technologies including green electronics, green radios, fuzzy neural approaches and intelligent signal processing techniques play important roles for the developments of the wearable health care systems. This conference aims at providing a forum to discuss the recent advances on enabling technologies and applications for IoT. Please consider submitting to this conference. We are interested in the entire range of concepts from theory to practice, including case studies, works-in-progress, and conceptual explorations.

https://iciotct2023.iaasse.org/sessions.html

**Topics of interest include, but are not limited to, the following:**

- Supervised Learning
- Decision Trees
- Support Vector Machines
- Image Coding and Compression
- Unsupervised Learning
- Dimensionality Reduction

- age-based modeling
- Anomaly Detection
- Semi-Supervised Learning
- Analytical Learning
- Reinforcement Learning
- Markov Model

- Q-learning and policy gradients
- Natural language Processing
- Medical Image Analysis
- Cognitive and Biologically-Inspired Vision
- Sentiment Analysis

- Data Science
- Computer Vision
- Object Detection
- Convolution Neural Networks

- Speech Recognition
- Recurrent Neural Networks
- Data Mining Techniques
- Regression Analysis
- Soft Computing

- Big Data
- Filter Design and Structures
- FIR, IIR, and Adaptive Filters
- Biomedical Imaging Technologies

☞ **Submission :** https://equinocs.springernature.com/service/ICIoTCT2023

## ⏰ * Important Dates / Deadlines / FEES ( $ USD ) *

Submission of **Paper** : **18 September 2023**
Notification of **Acceptance** : **20 September 2023**
**Early Bird Registration** : **20 September 2023**
**Oral Presentation** of selected works : **29 – 30th September 2023**
Submission of **Final paper** : **31 October 2023**
**Online Paper Tentative** : **April 2024**

The ICIOTCT 2023 registration fees are as follows, and must be paid in USD or in local currency as per the current exchange rate.
**Important Dates and Registration Fees**

| Category | Early Bird: on or before Aug. 10, 2023 | | Regular Registration: Aug. 11, 2023 - Till Aug. 15, 2023 | | Spot Registration: September 29, 2023 | |
|---|---|---|---|---|---|---|
| | IAASSE Members | Non Members | IAASSE Members | Non Members | IAASSE Members | Non Members |
| Full Time Students | 70.00 | 95.00 | 95.00 | 125.00 | 120.00 | 150.00 |
| Faculty/ Research Scholars | 95.00 | 120.00 | 120.00 | 145.00 | 140.00 | 165.00 |
| Industry | 110.00 | 135.00 | 135.00 | 160.00 | 160.00 | 185.00 |

## ** About Session Chair **

**Dr. Pydipala Laxmikanth** has been working as an Associate Professor in the Department of CSE Vignan Institute of Technology and Science Deshmukhi (V), Pochampally(M), Yadadri-Bhuvanagiri District, affiliated with Jawaharlal Nehru Technological University, Hyderabad,Telangana-508284, India. He completed his Bachelor of Science (B.Sc) from Andhra University. He also completed a Master of Computer Science (MSc)) and Master of Technology – CST (M.Tech) from Andhra University. He is Awarded Doctor of Philosophy Ph.D in Computer Science and Engineering from the GITAM Deemed To Be University, Visakhapatnam.

**Dr. G. Raja Vikram** holds a Ph.D. in Computer Science and Engineering from JNTUH University, Hyderabad, With a 17 Years of teaching experience and seven years dedicated to research, he currently serves as an HOD and Professor in the Department of CSE at Vignan Institute of Technology and Science in Hyderabad. Dr. G. Raja Vikram has an impressive publication record, with 13 research papers featured in renowned International and National journals as well as conferences. Additionally, he has contributed as a reviewer for numerous international journals and conferences. His research expertise encompasses areas such as Machine Learning, Natural Language Processing, Image Processing, and AI.

**Dr P Muralidhar** is currently working as an Associate Professor in VIGNANITS, Hyderabad. Pursued his doctoratal degree from Pondicherry University. He published papers in 7 Scopus and Sci journals and 5 international conferences. He interests are in data analysis, machine learning, and Data Mining.

**Dr. Manoj Kumar Mahto** holds a Ph.D. in computer science from Gurukula Kangri University, Haridwar, and an M.Tech in CSE from BIT Mesra, Ranchi. With a decade of teaching experience and seven years dedicated to research, he currently serves as an Associate Professor in the Department of CSE at Vignan Institute of Technology and Science in Hyderabad. Dr. Mahto has an impressive publication record, with 12 research papers featured in renowned International and National journals as well as conferences. Additionally, he has contributed as a reviewer for numerous international journals and conferences. His research expertise encompasses areas such as Machine Learning, Natural Language Processing, Image Processing, and AI.

**Mr. V.S.S.P.L.N.Balaji Lanka** received M.Tech in the Stream of CSE from Dr. A.P.J. Abdul Kalam University, M.C.A from Andhra University. He is having more than 5 Years experience has guided UG & PG students, currently he is working as Assistant Professor, Dept. of CSE at Vignan Institute of Technology and Science, Hyderabad. He published 5 National and International Journals and also Presented & published papers at various Conferences. His research areas include Data Mining, Big Data Analytics and Machine Learning with AI, Python with Data Science, R-Programming.

☞ If you have any queries.

Please Contact :

**Mr. S.Bosubabu** (+91 9640641136 ), Program Chair – 8th ICIoTCT 2023

**Mr. P.J.V.G. Prakasa Rao** (+91 8919543171)

**Mr. N P Patnaik M** (+91 8328288485)

sambana@bosubabu.com , bosukalam@gmail.com