



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
AND  
INFORMATION TECHNOLOGY

The Fourth International Conference on “Soft Computing and Signal Processing” was held at MRCET, CSE &IT departments on 18<sup>th</sup> and 19<sup>th</sup> June 2021 in virtual mode. The inaugural ceremony was organized in blended mode – “Physical and Virtual” where eminent personalities - Dr. Suresh Chandra Satapaty, Prof & Dean R&D, KIIT, Dr. Aninda Bose, Senior Editor, Springer Publications, India, Dr. Amiya Bhaumik, President, LUC, Malasiya, Dr. JiacunWang, USA, Prof Akihiko Hanafusa, USA, Dr. Nguyen Dang Nam, Vietnam, Dr. Naeem MS Honnoon, Malasiya, addressed the gathering online. Dr. VSK Reddy, the Director MRCET and VC Malla Reddy University, Dr. S. Srinivas, Principal, MRCET, and Prof. P Sanjeeva Reddy, Dean, Intl Studies, MRCET and other directors and deans, HODs also participated in the grand inauguration of this event. A huge number of scholars from various countries presented their research articles during these two days and their research papers are selected in SPRINGER for publication. The Souvenir has been launched by all the dignitaries on the dais to make this event a memorable one for MRCET.

**Dr. S Srinivasa Rao, the Principal,** welcomed the chief guest and other guest of honors from various parts of the country and also from other countries. He expressed his gratitude towards the organizers of this international conference for providing a platform for the researchers to gain diversified knowledge and experience to enhance their research work. He also thanked the reviewers for selecting almost 250 quality research papers out of which 70 papers have been finalized for the presentation in ICSCSP and selecting almost 170 papers out of which 60 have been finalized for presentation in ICIMES and the same has been done in rest of the conferences. He concluded his speech by highlighting the benefits of organizing and attending such international conferences.

**Dr. VSK Reddy, the Director,** has delivered the keynote speech and thanked all the organizers for arranging technical and other logistics required to make this conference uninterrupted and successful, despite of facing many challenges during the current pandemic situation. He also expressed his gratitude to all the eminent researchers for taking part of this conference. He stressed the importance of sharing knowledge for the development of research activities in Science and Technology.

**Prof P Sanjeeva Reddy, Dean, Intl Studies,** participated online and addressed with highlights of all the five bellow mentioned conferences:

1. International Conference on Soft Computing and Signal Processing (ICSCSP 2021)

2. International Conference on Intelligent Manufacturing and Energy sustainability (ICIMES 2021)
3. International Conference on Aeronautics and Beyond (ICAB 2021).
4. International Conference on Emerging Technologies in Electrical Engineering (ICETEE 2021)
5. International Conference on Contemporary Issues and Advanced Business Management (ICCABM 2021)

He expressed his deep sense of gratitude for being a part of the forum where academicians, researchers, industry personnel can share the knowledge.

**Dr. Suresh Chandra Satapaty**, Springer publication Chair, has thanked the organizing committee for conducting the conference in such challenging times. He highlighted the importance of these conferences and advised all the authors and other participants to utilize these opportunities every time.

**Dr. Amiya Bhoumik, Lincoln University College**, discussed the importance of such conferences and the responsibility of educators in creating an impact on society and congratulated **Dr. VSK Reddy** for successfully conducting these conferences.

**Prof Akihiko Hanafusa of Shibaura Institute of Technology** gave a keynote speech on life support engineering and **Prof Nguyen Dang Nam of Duy Tan University** was also one of the keynote speakers.

International Conference on Soft Computing and Signal Processing (ICSCSP) has received around 500 papers from all over the world. Among them, CSE Department has received 250 papers and 70 of them has been scrutinized and selected for presentation and presented their papers through Zoom and skype platforms.

Following Eminent professors from different organizations acted as Session Chair for this two-day International Conference with keen observations and gave valuable suggestions to authors. 1. Dr. M. Ramakrishna Murthy, ANITS, Visakhapatnam, 2. Dr. Jiacun Wang, Monmouth University, USA, 3. Ramamurthy Garimella, Mahindra University, Hyderabad, 4. Dr. Divya MidhunChakravarthy, Lincoln University College, Malaysia, 5. Dr. Naga Mallikarjuna Rao Dasari, Federation University, Australia. 6. Dr. G. Sharada, 7. Dr. S Shanthi, 8. Dr.N.S. Gowri Ganesh, 9. Dr.V. Chandrasekar, 10. Dr. Viswa bharathy, MRCET.

**Dr.S. Shanthi, HOD incharge CSE** and **Dr. Chandrasekhar** the coordinators of two days International Conference put their great effort in scrutinizing papers and spent almost three months of their valuable to make this event a grand success under the guidance of **Dr T. Venugopal, Dean (SW) and HOD-CSE** and **Dr.G. Sharada, HOD-IT**.

The total presentations were held in five sessions, three on 18<sup>th</sup> and two on 19<sup>th</sup> giving convenience to the international presenters. At the end of the conference, **Dr.S. Shanthi**

thanked all the session chairs, authors of the conference for their active support and participation, management, principal and the director of MRCET for providing this platform. Dr T. Venugopal, HOD-CSE and Dr.G. Sharada, HOD-IT appreciated all the coordinators, technical support team, teaching and non-teaching staff for making this event a grand success.



SOFT COMPUTING AND SIGNAL PROCESSING (ICSSCP-2021) June 18-19, 2021

## Smart Underground Drainage Management System using Internet of Things

**PAPER ID: 83**

**Dr. K Venkata Murali Mohan**  
Principal and Professor in Department of ECE, Teegala Krishna Reddy Engineering College, Hyderabad, Telangana, India.

**Dr. K M V Madan Kumar, Dr. Sarangam Kodati**  
Professor in Department of CSE, Teegala Krishna Reddy Engineering College, Hyderabad, Telangana, India.

**G. Ravi**  
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**FOURTH INTERNATIONAL CONFERENCE ON SOFT COMPUTING AND SIGNAL PROCESSING (ICSSCP-2021) JUNE 18-19, 2021**

Organized by **MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY**  
Malla Reddy Education Society's Institute of Technology, Hyderabad, India

**SESSION -2 : 18<sup>th</sup> June 2021**  
02:15 to 04:15 PM (IST)

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,**



**Paper Presentation on**

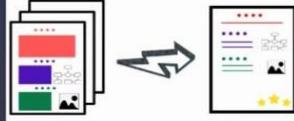
### Pre-processing of linguistic divergence in English-Marathi language pair in Machine Translation

Presented by  
Miss.Simran N. Maniyar R.  
(Research Scholar)  
Guided by  
Dr.Kulkarni Sonali B.  
(Assitant Professor )  
Department of Computer Science and IT,Dr.B.A.M.U,Aurangabad



### TEXTLYTIC: Automatic Project Report Summarization using NLP Techniques

Authors:  
1. Riya Menon  
2. Namrata Tolani  
3. Gauravi Tolamatti  
4. Akansha Ahuja  
5. Priya R.L



Affiliated to  
Vivekanand Education Society's Institute of Technology, Mumbai, India

Paper ID:  
189

# Misinformation Analysis and Detection of Low-Credibility News

Nikhil S. Shastri  
Meghana Mukunda Joshi  
Dr. Nagarathna N

Mohammed Omar Khan  
Niyathi Srinivasan Kumbale



# Counterfactual causal analysis on structured data

Swarna kamal paul , Tauseef Jamal Firdausi , Saikat Jana , Arunava Das and Piyush Nandi

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## TEXTLYTIC: Automatic Project Report Summarization using NLP Techniques

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1. Sapa Mishra  
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5. Piyush K.

Presented to:  
International Educational Society's Institute of  
Technology, Mumbai, India

Paper ID:  
193



Project Name	Start Date	End Date	Status	Progress (%)	Team Lead
Project A	2020-01-15	2020-03-31	Completed	100	John Doe
Project B	2020-04-01	2020-06-30	In Progress	75	Jane Smith
Project C	2020-07-01	2020-09-30	On Hold	0	Mike Johnson
Project D	2020-10-01	2021-01-31	Planned	0	Sarah Lee



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**INTERNATIONAL CONFERENCES ON**  
SOFT COMPUTING, INTELLIGENT AERONAUTICS, EMERGING TECHNOLOGIES IN ADVANCED BUSINESS MANAGEMENT (ICCAIB-2021)  
June 18-19, 2021

Welcome to Distinguished Guests and Authors  
**INAUGURAL FUNCTION OF INTERNATIONAL CONFERENCES**  
Friday 18 June, 2021 at 10:00 AM (IST)



Working



ICSCSP 2021: Paper ID - 98

Evaluation of Machine Learning Algorithms for Electroencephalography based Epileptic Seizure State Recognition

Presented by:  
Vibha Patel  
Department of Computer Engineering,  
CGPIT, Uka Tarsadia University, Gujarat, India.

Authors:  
Vibha Patel  
Jaishree Tailor  
Anvit Ganatra

INTERNATIONAL CONFERENCE ON SOFT COMPUTING AND SIGNAL PROCESSING (ICSCSP 2021)  
PAPER ID : 109

**Heart Disease Prediction Using Deep Learning Algorithm**

Presenters:  
Shivani Jadhvi, student  
Harshini Malladi, student

Co-Authors:  
Goutham Veerakoti, Assistant Professor  
Praveen Akshay, Assistant Professor  
Shankar Vaggu, Professor

