

**2nd International Conference on
Materials Science and Sustainable
Manufacturing Technology**

26th - 27th May 2023

Coimbatore | Tamilnadu | India

ICMSSMT2023

PROGRAMSCHEDULE

DAY I - CONFERENCE (26th May 2023)	DAY 2 - CONFERENCE (27th May 2023)
<p>09.30 am – 10.00 am – Inauguration.</p> <p>10.15 am – 11.30 am – Keynote Seminar</p> <p>11.30 am – 11.45am – Tea Break</p> <p>11.45 am – 01.00pm – Technical Presentation I</p> <p>01.00pm – 02.00pm – Lunch Break</p> <p>02.00 pm – 04.00 pm – Technical Presentation II</p> <p>First Day Technical Session Closed</p>	<p>10.00 am – 11.30 am – Technical Presentation III</p> <p>11.30 am – 11.45am – Tea Break</p> <p>11.45 am – 01.00 pm – Technical Presentation IV</p> <p>01.00 pm – 02.00 pm – Lunch Break</p> <p>02.00 pm – 3.30 pm – Technical Presentation V</p> <p>03.30pm – 04.00 pm – Valedictory Function</p> <p>Second Day Technical Session Closed</p>

Presentation Time: 15 Minutes

Presentation Format: Power Point Presentation (PPT)

Inauguration – Second Floor Auditorium

Presentation Venue - GF 07 (Ground Floor Hall Number 07)

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DAY I – CONFERENCE (26thMay 2023)

10.15 am – 11.30 am – Keynote Seminar

Inaugural Address and Keynote Seminar

Dr D Karthika Renuka

Indo-US Wistemm Fellow,

Associate Dean – Students Welfare,

Professor, Dept. of Information Technology,

PSG College of Technology,

Peelamedu, Coimbatore. TamilNadu-6410 04, India

Venue : Second Floor Auditorium

Technical Presentation I (11.45 am to 01.00 pm)

Venue - GF 07 (Ground Floor Hall Number 07)

Session Chair: Dr. T.R. Lekha, SNS College of Engineering, Coimbatore, India

Session Chair: Prof. M. Suriya, Sri Eshwar College of Engineering, Coimbatore, India

Time	Paper ID/Title /Author Name
11.45 am to 12.00 pm	ICMSSMT_2023_A003 Home Automation Using ARM-7 Microcontroller with Improved Security Praveenkumar Babu, Ashok T, Bashkaran K, Selvi C, Srinivas Reddy, Vijay Kumar Ch Hindustan Institute of Technology and Science Chennai, India
12.00 pm – 12.15 pm	ICMSSMT_2023_A004 A Comprehensive Exploration of Neural Networks for Dental Caries Detection Vimalarani G, Kiruthika V, Shaik Nihal, Kandukuru Swaroop Krishna, Mallempati Uday Kiran, Uppu Ramachandraiah Vellore Institute of Technology Chennai,India
12.15 pm –12.30 pm	ICMSSMT_2023_A005 Image forgery detection using Convolutional Neural Networks mbp.praveen@gmail.com, yogapriya.j@gmail.com, 19121058@student.hindustanuniv.ac.in, annapureddynagireddy0@gmail.com Kongunadu College of Engineering and Technology Thottiyam, India.
12.30 pm – 12.45 pm	ICMSSMT_2023_117 Advancements in Machine Learning Techniques for Optimizing Cognitive Radio Networks: A Comprehensive Review Niranjani V, Premkumar Duraisamy, Priyadharshan M and Gayathri B Sri Eshwar College of Engineering, Coimbatore.
12.45 pm –01.00 pm	ICMSSMT_2023_108 A New Approach Of Machine Learning And Deep Learning Algorithms Based Crop Yield Prediction Shanthy S, K Venkata Sai Vaishnavi, Supraja B, Vijitha B and B Vineela Reddy madanapalle Institute of Technology and Science, Andhra Pradesh.
Lunch Break	

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Technical Presentation II (02.00pm to 04.00pm)
Venue - GF 07 (Ground Floor Hall Number 07)

Session Chair: Dr. T.R. Lekha, SNS College of Engineering, Coimbatore, India

Session Chair: Prof. M. Suriya, Sri Eshwar College of Engineering, Coimbatore, India

Time	Paper ID/Title /Author Name
02.00 pm – 02.15 pm	ICMSSMT_2023_026 Facial emotion Identification Using Deep Learning Subha R, Suchithra B, Pendela Satya Sudesh, G Midhun Reddy, M Fadil and K Pooja Sree Sri Eshwar College of Engineering, Coimbatore
02.15 pm – 02.30 pm	ICMSSMT_2023_044 A Survey on Encryption Framework for Keyword-Guessing Attack In Cloud Sumesh S, Vikram S, Vimal Kumar M, Sivaram C and Suchithra B
02.30 pm – 02.45 pm	ICMSSMT_2023_060 AES Algorithm Based Data Possession in Cloud Using Blockchain Mariyam Farhana B, Nithya S, Prathiksha M, Maddipatala Reddy Prashanthi and Saradha S
02.45 pm – 03.00 pm	ICMSSMT_2023_032 IMPROVING DATA SECURITY IN CLOUD COMPUTING Subha R, Vijayanth S, Sanjay R, Sabari Mukundth J and Santhosh T
03.00 pm – 03.15 pm	ICMSSMT_2023_066 Multi-Trend Twitter Sentiment Analysis: Collaborative Approach for Improved Results Abinaya R, Bhavadharani S, Hemapriya N, Karpagathareni S and Keerthika J
03.15 pm – 03.30 pm	ICMSSMT_2023_023 Data Integration and Modelling using Talend. Anubama Gunasekaran, Aniruthram K P, Avanthika S and Sreemathy J
03.30 pm – 03.45 pm	ICMSSMT_2023_042 Encrypted Image Retrieval Scheme on Blockchain Niranjani V, Chandiya C, Dhanushya D and Harithaa G
03.45 pm – 04.00 pm	ICMSSMT_2023_048 E-mail Spam Detection and Phishing link Detection Using Machine Learning Adisvara Annadurai, Arul Prakash T, Akash S, Keerthika J and Jayanesh B

End of Day 1

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DAY 2 – CONFERENCE (27th May 2023)

Technical Presentation III (10.00 am to 11.00 am)
Venue - GF 07 (Ground Floor Hall Number 07)

Session Chair: Dr. S. Shanthi, Madanapalle Institute of Technology and Science, Andhra Pradesh.
Session Chair: Mr. K. Arun, Deputy Zonal Head (South) - IT Vertical - iNurture Education Solutions Pvt. Ltd., India

Time	Title / Author Name
10.00 am –10.15 am	ICMSSMT_2023_040 Operationalizing Design Thinking in Business Intelligence and Analytics Projects Keerthana S, Philomina M, Pradeepa N R, Purnimah S V and Akshaya V S
10.15 am –10.30 am	ICMSSMT_2023_078 Multi-Access Filtering using FOG-Enivronment Gowtham S, Mohammed Abdullah S, Asha J, Nawin Ram Shankar I and SelwinsacNeilsingh J
10.30 am –10.45 am	ICMSSMT_2023_097 IDENTIFICATION OF DIABETES WITH MOBILE APPLICATIONS USING CLOUD BASED EXPERT SYSTEM Praveen Kumar M, Santhoshkumar S P and Chandramohan S
10.45 am –11.00 am	ICMSSMT_2023_102 SMS Based Smart Billing in Electric Vehicle Station using GSM Technology Anbarasu P, Jayasudhan J, NithiyagirishonKp, ShriharanSudhakaran and Sivabalan RS
11.00 am – 11.15 am	ICMSSMT_2023_098 RECOMMENDATION OF MUSIC BASED ON FACIAL EMOTION USING MACHINE LEARNING TECHNIQUE Sakthi Priya G, EvangelinBlessy A, JeyaAravinth S, Vignesh Prabhu M and Vijayasarathy R
11.15 am – 11.30 am	ICMSSMT_2023_054 A Study on Palmistry Analysis using Deep Learning Sarmila K B, Karthikeyan C, Hariboobaalan P N, Kavin P and Jayavardhan P
11.30 am –11.45 am	Tea Break

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Technical Presentation IV (11.45 am to 01.00 pm)

Venue - GF 07 (Ground Floor Number 07)

Session Chair: Dr. S. Shanthi, Madanapalle Institute of Technology and Science, Andhra Pradesh.

Session Chair: Mr. K. Arun, Deputy Zonal Head (South) - IT Vertical · iNurture Education Solutions Pvt. Ltd., India

11.45 am – 12.00 pm	ICMSSMT_2023_069 Implementation of Data Migration and Validation to Azure using Talend Niranjani V, Ranjith V, Logapriya K, Pavani R and Kiruthika M
12.00 pm – 12.15 pm	ICMSSMT_2023_111 Self-Regulating Water Management system using Programmable Logic Controller Roshan B, Yesvanthkrishna V, Kracose Nishanth J and Anbarasu P
12.15 pm – 12.30 pm	ICMSSMT_2023_120 Detection of Poikilocytosis using a Segmentation based approach Gayathri N, Abi Sankar S, Deepan Kumar S, Akilan R and Fayaz A
12.30 pm – 12.45 pm	ICMSSMT_2023_024 Data Validation using ETL – A Theoretical Perspective Sanjay Kumar S, Srinivas S, Roshan J S, Surya V and Sreemathy J
12.45 pm – 01.00 pm	ICMSSMT_2023_116 Brain Tumor MRI Images Identification and Classification based on the long Short-Term Memory (LSTm) Catherina Mary J and Suganthi M

Lunch Break

Technical Presentation V (02.00 pm to 03.30 pm)

Venue - GF 07 (Ground Floor Hall Number 07)

Session Chair: Dr. S. Shanthi, Madanapalle Institute of Technology and Science, Andhra Pradesh.

Session Chair: Dr. H. Anandakumar, Sri Eshwar College of Engineering, Coimbatore, India.

Time	Title / Author Name
02.00 pm – 02.15 pm	ICMSSMT_2023_109 Intrusion Detection Systems for Wireless Sensor Networks Using Particle Swarm Optimization Integrated with Machine Learning Algorithms Vaishnavi Ganesh, Manmohan Sharma, and Santosh Kumar Hinge
02.15 pm – 02.30 pm	ICMSSMT_2023_027 Circularly Polarized Metamaterial Based Fractal Wearable Antenna for Wireless Applications Mehaboob Mujawar, Bhagyashree Goudar, Kaveri Basarakod and Aishwarya Kalal
02.30 pm – 02.45 pm	ICMSSMT_2023_101 Analytical study on shear response of hollow core slab and behaviour under elevated temperature Varunram C and Jeyashree T M

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02.45 pm – 03.00 pm	ICMSSMT_2023_085 Fabrication and Analysis of Carbon Fiber Soric Composite Harsh Gupta, Lakshya Sharma, Kartik Choudhary, Sushila Rani
03.00 pm – 03.15 pm	ICMSSMT_2023_110 A Review Paper on Identification of Ayurvedic Prakriti Types. Swati Dhole and Dr Sanjay Yedey
03.15 pm – 03.30 pm	ICMSSMT_2023_025 Overcoming Challenges Associated with Bond Wires in Realization of Hybrid Microcircuits for Reliable Performance Padmavathi L, Himamol S, Subhash J, Anju Singh, Ajay Andhiwal and Kamaljeet Singh
Valedictory Function (03.30 pm – 04.00 pm) End of Second Day – 27 th May 2023 Technical Sessions	