





**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY**  
An Autonomous Institute | Affiliated to Osmania University  
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**46**  
years

## PROGRAMME SCHEDULE

6 <sup>th</sup> Research Day, 13 <sup>th</sup> December 2024	
Time IST (Hrs.)	Programme
09:00 – 09:45	Registration
10:00 – 11:15	Inaugural Session
11:15 – 11:30	High - Tea
11.30 – 11:45	Opening of Research Day Exhibition – R & E Hub
11:45 – 12:30	Keynote Address at Respective Conferences
12:30 – 13:15	Lunch
13:15 – 15:00	Product Exhibition – R & E Hub*
15:00 – 15:15	Tea Break
15:15 – 16:45	<b>Session 1:</b> Technical paper presentations at respective conferences
6 <sup>th</sup> Research Day, 14 <sup>th</sup> December 2024	
09:30 – 11:00	<b>Session 2:</b> Technical paper presentations at respective conferences
11:00 – 11:15	Tea Break
11:15 – 12:45	<b>Session 3:</b> Technical paper presentations at respective conferences
12:45 – 13:30	Lunch
13:30 – 15:00	<b>Session 4:</b> Technical paper presentations at respective conferences
15:00 – 15:30	High - Tea
15:30 – 16:30	Valedictory Session

\*Evaluation of poster and product will be done in this slot. However, the poster and products exhibition will be there for two days.

**International Conference on Sustainable Energy and  
Environmental Developments (ICSEED 2024)**

Conference Title	International Conference on Sustainable Energy and Environmental Developments: ICSEED24
Track	Chemical Engineering
Session	1A
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	N Block: E-Classroom
Chairs	Prof. Kishalay Mitra, Department of Chemical Engineering, IIT Hyderabad
Link (if online)	Offline

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	ICSEED24-003	<b>Sustainable Bioplastic Sheets From Starch And Cellulose Based Materials With Natural Plasticizers For Eco-Friendly Disposal</b> CH Nickey, Bellamkonda Vishnu Teja, Teegalapally Chendana, Vantipuli Anvitha Raj BVS Praveen, Madhuri Pydimalla* (Chaitanya Bharathi Institute of Technology, Hyderabad)
15.25 - 15.35	ICSEED24-006	<b>Optimizing Biodiesel Production Using Reactive Distillation With Heterogeneous Catalyst: A Simulation Approach</b> P. Susheel Kumar*, Y. Revanth, P. Bhavani, N. Sai Eshwar, Anup Ashok (BVRIT, Narsapur)
15.35 - 15.45	ICSEED24-007	<b>Production Of Bioplastic From Fruit Waste: Potential, Process And Challenges And Applications: A Review</b> A.V. Raghavendra Rao*, Rompicherla Srividya Navapet Vikas Reddy, Komere Vasu, Tirumala Shreya, Ganesh Botla (BVRIT, Narsapur)
15.45 - 15.55	ICSEED24-008	<b>Low-Cost Bi-Functional Ultrafiltration Membrane For Elimination Of Cr (Vi) Via Membrane/Photocatalytic Synergy From Tannery Wastewater</b> Zeenat Arif* (Harcourt Butler Technical University, Kanpur)
15.55 - 16.05	ICSEED24-012	<b>Use Of Membrane Distillation (Md) For Selective Recovery Of Chemicals: A Critical Review</b> Harshada R. Jadhav, Yogesh S. Mahajan* (Dr. Babasaheb Ambedkar Technological University, Lonere Raigad)
16.05 - 16.15	ICSEED24-013	<b>Studies On the Impact Of Co-Cultures Of Carbonate-Precipitating Bacteria On The Effectiveness Of Bio-Cementation In Soils And Construction Materials.</b> Aavani S S, Krishna S Prathap, Malavika D, Neha T S, Sandra R Nath, Biju Jacob* (Sree Chitra Thirunal College of Engineering, Trivandrum)
16.15 - 16.25	ICSEED24-014	<b>Emulsion Nanofluid Membrane For Mercury Ions Removal: Stability, Reaction Kinetics, Efficiency, And Optimization</b> Rakshith Reddy, Bheesetty Surya, Akash Yadav, Toshakani Sandeep, Gidla Bhanu Radhika, Manjakuppam Malika* (BVRIT, Narsapur)

16.25 - 16.35	ICSEED24- 017	<b>Influence Of Nio Nanoparticles' Surface Properties On Their Enhanced Photocatalytic Activity In The Degradation Of Azo Dye Reactive Black 5</b> Martha Ramesh*, A Santhosh Kumar, Ganji Saidulu, Ravuri Venkateswara Rao, P. V. Chandrasekar, Arijit Mondal, Ravoori Nagaraju and K. Chandrakanta (Mahatma Gandhi Institute of Technology, Hyd)
16.35 - 16.45	ICSEED24- 020	<b>A Controllable Synthesis Over Self-Assembled Upconverting Nanoparticles (Ucnps): Observance Of A Strong Blue Visible Emission</b> Monami Das Modak*, Pradip Paik (Mahatma Gandhi Institute of Technology, Hyd)
16.45 – 16.55	ICSEED24- 021	<b>Development Of Mycoalgae Biofilms For Rehabilitation And Stabilization Of Nutrient-Depleted Surface Soils From Erosion-Affected Terrains</b> Krishna Sunil, Parvathi Gopinath, Shivani Anil, Sreenanda K S, Biju Jacob* (Sree Chitra Thirunal College of Engineering, Pappanamcode, Thiruvananthapuram)

Conference Title:	International Conference on Sustainable Energy and Environmental Developments: ICSEED24
Track	Chemical Engineering
Session	2A
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	N Block: E-Classroom
Chairs	Prof. A. Seshagiri Rao, Department of Chemical Engineering, Indian Institute of Petroleum and Energy, Visakhapatnam
Link (if online)	Offline

Time	Paper ID	Paper Title and Authors
09.30 - 09.40	ICSEED24-022	<b>Comparison Of Air Pollution Predictions Between An Machine Learning Technique And A Statistical Model</b> Bharath Kumar Dudam*, P. Nithin Varma, K. Mahitha, D. Harshith Reddy, Priyadharshini B (CBIT, Hyd)
09.40 - 09.50	ICSEED24-023	<b>Evaluating The Effects Of Regenerative Braking On Li-Ion, Lead Acid, Ni-Cd, And Nimh Batteries In Electric Vehicles</b> Bhoopal.N*, Krishnaveni B. Sai Kushul.N (B V Raju Institute of Technology, Narsapur)
09.50 - 10.00	ICSEED24-024	<b>Advancements In Dbs Bioanalysis for Drug With Its Method Validation According To Ich M10</b> Tushar Rajaram Chavan*, Prof. (Dr.) Subhranshu Panda (School of Pharmaceutical Sciences, Jaipur National University, Jaipur)
10.00 - 10.10	ICSEED24-026	<b>Machine Learning Approach To Predict The Biomass Combustion In Fluidized Bed Combustors</b> Bhoopalneerudi*, Venkateswara Raju Dantuluri, Krishnaveni B (B V Raju Institute of Technology, Narsapur)
10.10 - 10.20	ICSEED24-027	<b>Testing Of Absorption Capacity Of Aqueous Solutions Of Monoethanolamine And Ethylene Glycol</b> Soundharya Balasubramanian, Ambedkar Balraj*, Shree Vidhya Ramamoorthy, Harish Prasath Thiyagarajan, Michael Samuel Johanan Paul (Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai)
10.20 - 10.30	ICSEED24-028	<b>Cod Reduction In Agro Based Chemical Industries Effluent Using Electro Coagulation</b> B.Uma Shankar*, M. V.V. Chandana Lakshmi, L.Neelima Chandralekha (AU College of Engineering, Andhra University)
10.30 - 10.40	ICSEED24-032	<b>Chromium Biosorption Efficiency Of Garcinia Cymose Sp.: An Equilibrium Study</b> Joseph K Tera*, Prasanna Kumar Y And Jim P Lem (PNG University of Technology, Lae 411, Morobe Province, Papua New Guinea)

10.40 - 10.50	ICSEED24- 033	<b>Kinetic Studies And Model Development For Salicylic Esterification Reaction With Amyl Alcohol Over Heterogeneous Catalyst</b> Sandeep Malothu, Tharun Nunsavath, Raju N, Mallaiah Mekala*, Srinath Suranani (CBIT, Hyderabad)
10.50 - 11.00	ICSEED24- 034	<b>Hydrogel Loaded With Copper-Nanoparticles For Therapeutic Drug Delivery</b> Rompicherla Srividya*, K Ashok Chakravathi, M Vamsi Krishna Reddy, M Anand, Shireen Fathima, B Pavan (BVRIT, Narsapur)
11.00 - 11.10	ICSEED24- 036	<b>Transforming Agricultural Waste to Bio-oil and Bio-Char for achieving sustainability: Future Challenges and Opportunities</b> Rompicherla Srividya*, K Ashok Chakravathi, M Vamsi Krishna Reddy, M Anand, Shireen Fathima, B Pavan (BVRIT, Narsapur)

Conference Title	International Conference on Sustainable Energy and Environmental Developments: ICSEED24
Track	Chemical Engineering
Session	3A
Time and Date	11.15 – 12.45 Hrs. and 14 <sup>th</sup> December 2024
Venue	N Block: E-Classroom
Chairs	Dr Ch. Venkateswarlu, Former Chief Scientist, Indian Institute of Chemical Technology, Hyderabad
Link (if online)	Offline Session

Time	Paper ID	Paper Title and Authors
11.15 - 11.25	ICSEED24-038	<b>Plant Waste-Derived Copper Nanoparticles for Sustainable And Efficient Wastewater Treatment</b> Syed Sayeeduddin Ahmed, Sheri Sai Kumar, S. Kalyan Sai, Dhanush Chengal, Prasanna R. Redapangu* (CBIT, Hyderabad)
11.25 - 11.35	ICSEED24-040	<b>Sustainable Biopolymer Production Agrowaste: Characterization and Optimization</b> Koduri Manvitha, Nelaturu Sailaja, Amay Vanneldas, Dhanush Chengal, Rupesh Gadde, Prasanna R. Redapangu* (CBIT, Hyd)
11.35 - 11.45	ICSEED24-042	<b>Conversion Of Waste Cooking Oil To Biodiesel Using Coconut Cake And Maize Husk Biochar Based Catalyst</b> Svsr Krishna Bandaru*, Kavitha T C, Pachimatla Rajesh, Shivam Chauhan, G Jagannath (MIT MAHE, Manipal)
11.45 - 11.55	ICSEED24-043	<b>Capacitance Enhancement At The Electrode-Electrolyte Interface: A Study With Eis And Machine Learning</b> Giridaran S, Pachimatla Rajesh* And Bathrasri Kannan K T (Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai)
11.55 - 12.05	ICSEED24-045	<b>Experimental Investigation Of Thermal Conductivity, Viscosity And Contact Angle Of Cu-Zn-Ag/Vegetable Oil Hybrid Nanofluids</b> Mechiri Sandeep Kumar*, A Varun, BVS Praveen (BVRIT, Hyd)
12.05 - 12.15	ICSEED24-047	<b>Esterification Of Pentanol And Acetic Acid Using Low-Cost Dual Solvent Catalyst</b> L.M.Rajashri ,K.Sathish Kumar, Dr.R.Anantharaj*, S.Natarajan (SSN College of Engineering, Chennai)
12.15 - 12.25	ICSEED24-048	<b>Hydrogen Generation In Supercritical Water Through Catalytic Gasification Of Biopolymers: An Economic Assessment And Optimization Investigation</b> Jagadeeshwar Kodavatya, Aman Panchala, Vanshika Raghuvanshia, Aashirwad Bhartia, Devang Bajpaia, And Rajeswara Reddy Erva* (National Institute of Technology Andhra Pradesh, Tadepalligudem)
12.25 - 12.35	ICSEED24-051	<b>Inorganic Flame Retardants: A Comprehensive Review Of Their Properties And Applications</b> Ch. Sruthi, D. Jai Niketan, Raj Kumar Verma, BVS Praveen* (CBIT, Hyd)



12.35 - 12.45	ICSEED24- 053	<b>Towards Sustainable Chemical Engineering: Using Machine Learning To Predict Distillation Column Outputs</b> Subbulakshmi C And Pachimatla Rajesh* (Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai )
12.45 - 12.55	ICSEED24- 054	<b>Strain Improvisation And Process Optimization Towards Enhanced Bacterial Enzyme Activity For All Therapy</b> Jagadeeshwar Kodavatya, Jeevan Sanjay Bachub, Govardhan Reddy Chillab, Bhavya Teja Kodavatyb and Rajeswara Reddy Erva* (National Institute of Technology Andhra Pradesh, Tadepalligudem)

Conference Title	International Conference on Sustainable Energy and Environmental Developments: ICSEED24
Track	Chemical Engineering
Session	4A
Time and Date	13.30 – 15.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	N Block: E-Classroom
Chairs	Rajeswara Reddy Erva, Department of Biotechnology, NIT, Andhra Pradesh
Link (if online)	Offline Session

Time	Paper ID	Paper Title and Authors
13.30 - 13.40	ICSEED24-055	<b>Biodiesel Production From Waste Cooking Oil Using Idion-140 Catalyst: Optimization Studies With RSM</b> Bhavani Pokala, Shaik Anwar, Prasad Bau Koorla, Ramesh Kola, Mallaiah Mekala* (CBIT, Hyd)
13.40 - 13.50	ICSEED24-056	<b>Decadal Forest Cover Changes In The Western Ghats: A Machine Learning Approach Using Remote Sensing Data</b> Saravanan Subbarayan*, Ramanarayan Sankriti, Arivoli E, Niraimathi J, Sivaranjani S (CBIT, Hyd)
13.50 - 14.00	ICSEED24-057	<b>Design and Optimization of a Pyrolytic Conversion Process for Polypropylene to Liquid Fuels</b> Kambhampati Srividya, Sanjana Pali, Dr. M. Mukunda Vani* (CBIT, Hyd)
14.00 - 14.10	ICSEED24-060	<b>One-Pot Synthesis and Antibacterial Properties of g-C<sub>3</sub>N<sub>4</sub>/ZnO Nanocomposites</b> P. V. P. Renu Prakash, Dhruv Gollapudi, B. Ganesh*, Gubbala V. Ramesh* (CBIT, Hyd)
14.10 - 14.20	ICSEED24-063	<b>Analysis of Chemical Looping Combustion through Aspen Plus Software</b> Laxmi Tanmai Padugupadu, Doddi Jai Niketan, Mallaiah Mekala* (CBIT, Hyd)
14.20 - 14.30	ICSEED24-067	<b>Advances in TiO<sub>2</sub> Nanohydrogels for Efficient Dye Removal: A Comprehensive Review</b> Rompicherla Srividya*, Revanth Reddy Mandhapuram, Vijetha Ponnamm, Srihitha Adla, Shireen Fathima, Panduga Rahul, Ch Vishnuvardhan Goud, Mohit Sunil Patil (BVRIT, Narsapur)
14.30 - 14.40	ICSEED24-069	<b>Recent Advances in Janus Nanoparticles: A Review of Synthesis Strategies and Engineering Applications</b> V. Jairam, R. Pattabhi Ramaraju, M.S.Farhaan, BVS Praveen* (CBIT, Hyd)
14.40 - 14.50	ICSEED24-071	<b>A review on potential application of bio-based cellulose nanocrystals (CNC)</b> Sravya Kolluru, Jyothi Kersagar, Dr. M.Mukundavani* (CBIT, Hyd)
14.50 - 15.00	ICSEED24-072	<b>An Overview on Sustainable Paper Making Using Corn Husk And Coconut Coir</b> Surya Tej Valluri, Shrinidhi Tavag, Nukula Mohith Satyavardhan, Bulusu Venkata Sessa Praveen*, Madhuri Pydimalla*, Raj Verma (CBIT, Hyd)

15.00 - 15.10	ICSEED24- 073	<b>Utilization of Delonix Regia Pods for Production of Value Added Products</b> Deepika Bayikade , Sai Praneeth Birudu , Madhuri Pydimalla* , NLN Reddy (CBIT, Hyd)
15.10 - 15.20	ICSEED24- 075	<b>Synthesis of Adsorbent from Paper Waste Utilizing Sustainable Precursors for Wastewater Treatment</b> Teegalapally Chendana, Vantipuli Anvitha Raj, Madhuri Pydimalla* (CBIT, Hyd)

**1<sup>st</sup> International Conference on Power Energy and  
Secure Smart Technologies (ICPEST 2024)**

Conference Title	1 <sup>st</sup> International conference on Power Energy and Secure Smart Technologies (ICPEST-2024)
Track	Power System Protection, Operation & Control
Parallel Session	1A
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	L-003, Computer Lab, L-Block, Ground floor
Chairs	Dr. Rupendra Kumar Pachauri, Associate Professor, University of Petroleum and Energy Studies, Dehradun
Link (if online)	<a href="https://meet.google.com/crg-yadx-vkw">https://meet.google.com/crg-yadx-vkw</a>

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	110	<b>Testing of Hardware In the Loop to maintain Unity Input Power Factor Based on Artificial Intelligent Controller with Power Electronic Drive</b> R.Hariharan; M. Deva Darshanam* (Saveetha School of Engineering, SIMATS, Chennai)
15.25 - 15.35	111	<b>Improvisation of Electric Vehicle Battery Charging Efficiency Using Supervisory Power Management Control Algorithm Compared With Cell Balancing Optimization Algorithm by Reducing the Power Loss</b> R.Hariharan (Saveetha School of Engineering, SIMATS, Chennai); Rambabu.yerra* (Saveetha Institute of Medical and Technical Sciences, Chennai)
15.35 - 15.45	42	<b>Revolutionizing Agriculture: A Fuzzy Logic System Approach for Optimized Operations, Precision Outputs, and Enhanced Productivity</b> K.Vinitha; G.Arul Freeda Vinodhini; R.Hariharan* (Saveetha Institute Of Medical And Technical Sciences, Chennai)
15.45 - 15.55	106	<b>Blackout Restoration at Short Period of Time using PPSR and PPPSR Algorithms with PHEV Systems in IEEE 39 Bus System</b> R.Hariharan (Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai); P.Usharani* (RMD Engineering College, Chennai); T.Yuvaraj (Center of Smart Energy Systems, Chennai)
15.55 - 16.05	108	<b>Loss Reduction and Bus Voltage Improvement in Distribution Network under Unbalanced Conditions using Cat Swarm Optimization Algorithm</b> Chava Hari Babu* (Saveetha Institute of Medical and Technical Sciences); R.Hariharan (Saveetha School of Engineering)
16.05 - 16.15	70	<b>ML-Based Time Series Forecasting For Microgrid Power Generation</b> Balasubbareddy Mallala (Chaitanya Bharathi Institute of Technology, Hyderabad), (Amrita Vishwa Vidyapeetham, Amaravati Campus), Maloth Anusha* (Chaitanya Bharathi Institute of Technology, Hyderabad), Sastry V Pamidi (Florida State University, Tallahassee, USA), Md Omar Faruque (Florida State University, Tallahassee, USA), Rajasekhar Reddy M (Amrita Vishwa Vidyapeetham, Amaravati Campus)

16.15 - 16.25	118	<p><b>SPWM Fed MLI (Multi-level Inverter) Configuration for Induction Motor Drive with Minimal Switch Count</b></p> <p>Shaik Rahimpasha* (Vardhaman college of engineering, Hyderabad), V.Sivarama Krishna (Chaitanya Bharathi Institute of Technology, Hyderabad), Karamalla Haleema (Vardhaman college of engineering, Hyderabad), Farooq Sunar Mahammad (Santhiram Engineering College, Nandyal)</p>
16.25 - 16.35	84	<p><b>Design and Implementation of Automatic Photovoltaic Panel Cleaning using IOT</b></p> <p>M.Perarasi* (R.M.K Engineering College, Chennai), Priscilla Whitin (Vel Tech Rangarajan Dr. Sagunthala R&amp;D Institute of Science and Technology, Chennai), Pavaiyarkarasi R (R.M.K Engineering College, Chennai), Chintala Venkatesh (Meenakshi Sundararajan Engineering College, Chennai), Sai Sharan P (R.M.K Engineering College, Chennai), B. Sarala (R.M.K Engineering College, Chennai)</p>
16.35 - 16.45	63	<p><b>Techno-Economic Analysis and Optimization of and Off-Grid Hybrid Systems for Sustainable Energy Solutions</b></p> <p>Pujari Harish Kumar (Cambridge Institute of Technology, Bangalore), N. Chinna Alluraiah* (Annamacharya University, Rajampet, Andhra Pradesh), Sunil Kumar P (Cambridge Institute of Technology, Bangalore), Soumya Mishra (KIIT University, Bhubaneswar), Nagaraja K G (Cambridge Institute of Technology, Bangalore), Rashmi G (Cambridge Institute of Technology, Bangalore)</p>

Conference Title	1 <sup>st</sup> International conference on Power Energy and Secure Smart Technologies (ICPEST-2024)
Track	Power Electronics, Drives and Machines
Parallel Session	1B
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	D-Block, Seminar Hall
Chairs	Prof. E. Vidya Sagar, Professor & Head, Department of Electrical Engineering, University College of Engineering (A), Osmania University
Link (if online)	Offline

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	12	<b>A Multi objective Cost Effective Approach of Energy Management of Multi-Microgrid Environment using hybrid Jaya-PSO optimization technique</b> M. Sri Suresh*; Mandla Chandana; Essam Bhargavi; Solleti Rahul; Vaddi mithilesh (Chaitanya Bharathi Institute of Technology, Hyderabad); Thamatapu Eswara Rao (Vignan Institute of Information Technology, Visakhapatnam)
15.25 - 15.35	20	<b>Optimizing Energy Efficiency in Autonomous Vehicle Platoons Using Deep Reinforcement Learning</b> Abu Tayab* (Yanshan University, Qinhuangdao, China); Yanwen Li (Yanshan University, Qinhuangdao, China), Ahmad Syed (Yanshan University, Qinhuangdao, China); Zia Ur Rehman (Yanshan University, Qinhuangdao, China)
15.35 - 15.45	34	<b>White Shark Optimization approach for optimal voltage regulation coordination between PV smart inverters and traditional Volt-VAR control devices</b> Ravindhar Banothu* (BV Raju Institute of Technology Narsapur, Medak); B Suresh Kumar (Chaitanya Bharathi Institute of Technology, Hyderabad); B Mangu (Osmania University, Hyderabad)
15.45 - 15.55	66	<b>A Novel Technique For Optimal DG Location And Sizing In Distribution System</b> E. Manoj*; B. Lalitha; Md. Almas; P. Venkata Prasad (Chaitanya Bharathi Institute of Technology, Hyderabad)
15.55 - 16.05	79	<b>Plasmonic structured CuO Nanofoams for optical Absorption Enhancements towards water-splitting applications</b> Venumbaka Maneesh Reddy; Marepally Bhanu Chandra*; D.Nagadevi; T. Vasist Vikas Reddy; U. Harshith Varma; S. Srikar Reddy (Chaitanya Bharathi Institute of Technology, Hyderabad)
16.05 - 16.15	88	<b>Smart Home Security and Monitoring System</b> Sukhi Y*; Kavitha P; Mehul Anand G; Arigonda Roshan Kiruthik; Amith R R; Fayaz Ahamed A; Perarasi M; Sarala B (R.M.K. Engineering College, Kavaraipettai, Tamil Nadu)

16.15 - 16.25	107	<b>Optimizing mmWave network performance by utilizing proximal V2I connected vehicles during blockages</b> Vinodh Kumar Minchula*; Sharathchand Kodam (Chaitanya Bharathi Institute of Technology, Hyderabad)
16.25 - 16.35	56	<b>Enhancing Grasshopper Techniques to Reduce Torque Ripples in Switched Reluctance Motor</b> Deepa N* (Osmania University, Hyderabad; Krishnaveni. K (Chaitanya Bharathi Institute of Technology, Hyderabad); Mallesham. G (Osmania University, Hyderabad)
16.35 - 16.45	93	<b>Enhancing Electricity Forecasting with Random Forest: Utilizing Correlation Metrics for Advanced Feature Engineering</b> Balasubbareddy Mallala (Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad), (Amrita Vishwa Vidyapeetham, Amaravati Campus), Azka Ihtesham Uddin Ahmeda*, Sastry V Pamidi (Florida State University, Tallahassee, USA), Md Omar Faruque (Florida State University, Tallahassee, USA), Rajasekhar Reddy M (Amrita Vishwa Vidyapeetham, Amaravati Campus), V Lakshmi Chetana (Amrita Vishwa Vidyapeetham, Amaravati Campus)



Conference Title	1 <sup>st</sup> International conference on Power Energy and Secure Smart Technologies (ICPEST-2024)
Track	Artificial Intelligence & Machine Learning
Parallel Session	1C
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	IoT Lab (LAB - 9), B-Block
Chairs	Dr. A. Kannan, Former Professor and Head, Department of Information Science and Technology, College of Engineering Guindy Campus, Anna University, Chennai-25.
Link (if online)	<a href="https://meet.google.com/txr-zheu-zcj">https://meet.google.com/txr-zheu-zcj</a>

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	29	<b>Machine Learning in Phishing URL Detection: A Review of Recent Progress</b> Adhit Simhadri*; Rishikesh M; M Subramaniam (CBIT, Hyderabad)
15.25 - 15.35	30	<b>A Review of Deep Learning Techniques for Earthquake Early Warning Systems</b> Shrina Tyarla*; Masuna Hemashree; M. Subramaniam (CBIT, Hyderabad)
15.35 - 15.45	43	<b>Advance Phishing Prediction On Website Through Novel Machine Learning Techniques</b> Madhubaalakrishna*; M Gavaskar; K Vishwanathan; K K R. Rajakumari (National Engineering College, Kovilpatti)
15.45 - 15.55	94	<b>Image Processing Smart Glasses for Visually Impaired</b> Kanchana. K*; Nithyasree. S; Babu. V (Saveetha engineering college Saveetha Nagar, Chennai)
15.55 - 16.05	95	<b>Integrated Deep Learning Framework for Weapon-Behavior Analysis</b> Shanti P*; Manjula V (Vellore Institute of Technology, Chennai Campus. Chennai, India)
16.05 - 16.15	92	<b>A Framework for Patient Specific Drug Recommendation and Side-Effect Prediction System</b> Morarjee Kolla; Vemula Ishitha Reddy*; Rddhi Reddy (Chaitanya Bharathi Institute of Technology, Hyderabad)
16.15 - 16.25	18	<b>Predicting Optimal Crops Using Environmental and Soil Data</b> Swarup Parua, Dhiman Debsarma, Soumitra Samanta, Subir Gupta* (Haldia Institute of Technology Haldia, West Bengal), Sudipta Hazra (Asansol Engineering College, Asansol, West Bengal), Devareddy Harsha (Chaitanya Bharathi Institute of Technology, Hyderabad)
16.25 - 16.35	21	<b>Enhancing BTST Trading with Sentiment Analysis and AI</b> Ritambhar Ray, Vikas Kumar Bhandari, Saikat kumar Sau, Subir Gupta* (Haldia Institute Of technology, Haldia, Westbengal), Sudipta Hazra (Asansol Engineering College, Asansol, Westbengal), Cholleti Harish (Chaitanya Bharathi Institute of Technology, Hyderabad)

Conference Title	1st International conference on Power Energy and Secure Smart Technologies (ICPEST-2024)
Track	Security & Block Chain Technology
Parallel Session	1D
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	Cyber Security Lab (LAB - 10), A-Block
Chairs	Prof. Rutvij H. Jhaveri, Department of Computer Science and Engineering, School of Technology, Pandit Deendayal Energy University, India
Link (if online)	<a href="https://meet.google.com/hkm-xyjy-ghp">https://meet.google.com/hkm-xyjy-ghp</a>

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	22	<b>Online Block Chain Based Certificate Generation and Validation</b> P. Vinayasree; J. Siva Prashanth; P. Narsimhulu; P. Sri Ganesh* (Anurag University, Hyderabad)
15.25 - 15.35	40	<b>A Decentralized, Lightweight and Resilient Group Key Agreement Protocol Using Shamir Secret Sharing and HMAC for IoT Devices</b> Kavya Sri Yakkala*; Naga Mohith Reddy Konireddy; Kavita Agrawal (Chaitanya Bharathi Institute of Technology, Hyderabad)
15.35 - 15.45	67	<b>Blockchain Based Intelligent Product Expiry Management System using Image Recognition (OCR)</b> Keerthana Birelli*; Sushma Siluveru; Sangeeta Gupta (Chaitanya Bharathi Institute of Technology, Hyderabad)
15.45 - 15.55	77	<b>A Decentralised Blockchain Framework for Enhanced Crowdfunding Security</b> Owais Siddiqui*; Karen R. Johnson; Sangeeta Gupta (Chaitanya Bharathi Institute of Technology, Hyderabad)
15.55 - 16.05	78	<b>System-Level Security Framework Using Virtualization and Neural Cryptography for Encryption in Edge Devices</b> Bharath Devaraju*; Kovith Chinthala; Kavitha Agrawal (Chaitanya Bharathi Institute of Technology, Hyderabad)

Conference Title	1 <sup>st</sup> International conference on Power Energy and Secure Smart Technologies (ICPEST-2024)
Track	Renewable Energy Systems and their Integration
Parallel Session	2A
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	L-003, Computer Lab, L-Block, Ground floor
Chairs	Dr. Omar Faruque, Associate Professor, FAMU-FSU College of Engineering Tallahassee, USA
Link (if online)	<a href="https://meet.google.com/qtj-wovb-tiq">https://meet.google.com/qtj-wovb-tiq</a>

Time	Paper ID	Paper Title and Authors
09.30 - 09.40	3	<b>A Classical H6 Topology for Modern PV Inverter Design</b> Namburi Nireekshana* (Methodist College of Engineering and Technology, Hyderabad), A.Archana (Methodist College of Engineering and Technology, Hyderabad), K.Pullareddy (Methodist College of Engineering and Technology, Hyderabad), Rajini kanth (Methodist College of Engineering and Technology, Hyderabad)
09.40 - 09.50	4	<b>Enhancing Solar Power Generation Efficiency and Grid Interfacing through Improved MPPT and OFOPID PWM Controllers</b> Tippa Venkateswara Rao*, GIET University, Gunupur- Odisha), Ch Venkateswara Rao GIET University, Gunupur- Odisha), Kappagantula BVS R Subrahmanyam (DNR College of Engineering & Technology, Bhimavaram)
09.50 - 10.00	8	<b>Implementation and Analysis of Fuzzy Logic Control and Direct Torque Control in Brushless DC Motors</b> Ramya L N*, Abhishek Raj, Mordwaj Thakur, MD Zibran Alam (Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation (Deemed to be University), Paiyanur)
10.00 - 10.10	13	<b>Implementation of Automatic Speed Control System for Electric Vehicles</b> A Navya Sree, K Manasa, G Harshavardhan, P Padmavathi* (Srinivasa Ramanujan Institute of Technology, Anantapur), V Y Kondaiah (Nitte Meenakshi Institute of Technology, Bangalore), L Gautham (Srinivasa Ramanujan Institute of Technology, Anantapur)
10.10 - 10.20	19	<b>An Improved Neutral point clamped HERIC based Transformerless PV Inverter Topology</b> N. Santosh Kumar (Chaitanya Bharathi Institute of Technology, Hyderabad), Ahmad Syed* (Yanshan University, Qinhuangdao China), P. Hemeshwar Chary (Chaitanya Bharathi Institute of Technology, Hyderabad), Syed Sarfaraz Nawaz (Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad), Abu Tayab (Yanshan University, Qinhuangdao China), Zia Ur Rehman (Yanshan University, Qinhuangdao China)

10.20 - 10.30	27	<p><b>Grid Integration of Inverter Based Generation and Battery Energy Storage Systems: A Review of Challenges</b></p> <p>Mahabaleshwara Sharma K*, Visvesvaraya Technological University, Belagavi NMAM Institute of Technology-Nitte (Deemed to be University), Nagesh Prabhu, NMAM Institute of Technology-Nitte (Deemed to be University)</p>
10.30 - 10.40	33	<p><b>Esterification and property assessment of hybrid biodiesel from palm kernel-waste cooking oil: Case of pretreatment by Taguchi technique</b></p> <p>Olusegun D. Samuel*,(Federal University of Petroleum Resources, Nigeria), (University of South Africa, South Africa), Ufuoma Peter Anaidhuno, (Federal University of Petroleum Resources, Nigeria), Fidelis I. Abam, (University of Calabar), Christopher C. Enweremadu (University of South Africa, South Africa), B. Krishna Chaitanya (Chaitanya Bharathi Institute of Technology, Hyderabad)</p>
10.40 - 10.50	60	<p><b>Electromagnetic design of an energy efficient BLDC motor using Altair flux-A review</b></p> <p>M. Sindhu*, K. Meghana, D. Rohan, G. Sureshbabu (Chaitanya Bharathi Institute of Technology, Hyderabad)</p>

Conference Title	1 <sup>st</sup> International conference on Power Energy and Secure Smart Technologies (ICPEST-2024)
Track	Electric Mobility & Energy Management Systems
Parallel Session	2B
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	D-Block, Seminar Hall
Chairs	Dr. Sastry Pamidi, Professor and Chair, FAMU-FSU College of Engineering Tallahassee, USA
Link (if online)	<a href="https://meet.google.com/pfj-mzvd-qww">https://meet.google.com/pfj-mzvd-qww</a>

Time	Paper ID	Paper Title and Authors
09.30 - 09.40	64	<b>Innovative Concept of Dual-Stator Dual-Rotor Radial Flux Pm Motor</b> Bura Aishwarya*, Dasari Sai Kiran, Komma Ganesh, Umakanta Choudhury (Chaitanya Bharathi Institute of Technology, Hyderabad)
09.40 - 09.50	89	<b>Design and Implementation of an IoT-Enabled Smart Energy Meter Using Arduino</b> Sukhi Y*, Kavitha P, Adlin Sharo E J, Bavithra Jayamohan, Kanimozhi M N, Fayaz Ahamed A, Sarala B (Perarasi M R.M.K. Engineering College, Kavaraipettai); Jeyashree Y (SRM Institute of Science and Technology, Kattankulathur)
09.50 - 10.00	99	<b>Optimization of Power Loss Mitigation in Distribution Systems Using Hunter-Prey Optimization Algorithm for Multiple Types of DFACTS</b> Thirumalai M*, Ulagammai M, Suresh T D, John De Britto C, Hemalatha R (Saveetha Engineering College, Chennai); Yuvaraj T (Chennai Institute of Technology, Chennai); Farooq Sunar Mahammad (Santhiram Engineering College, Nandyal)
10.00 - 10.10	100	<b>Optimal Placement of Renewable Based DG and DSTATCOM in Distribution Systems to Alleviate the Effects of EVCS</b> Suresh T D*, Thirumalai M, Ulagammai M, Hemalatha R, John De Britto C (Saveetha Engineering College, Chennai); Yuvaraj T (Chennai Institute of Technology, Chennai); Farooq Sunar Mahammad (Santhiram Engineering College, Nandyal)
10.10 - 10.20	101	<b>Intelligent Residential Energy Control with Demand Response Incorporating Renewable Power Sources and Electric Vehicle Integration</b> Ulagammai M*, Hemalatha R, John De Britto C, Suresh T D, Thirumalai M (Saveetha Engineering College, Chennai); Yuvaraj T (Chennai Institute of Technology, Chennai)
10.20 - 10.30	102	<b>Strengthening Resilience in Distribution Networks through Microgrid Development and Integration of Distributed Energy Resources Using the Group Instruction Optimization Algorithm</b> John De Britto C*, Suresh T D, Hemalatha R, Thirumalai M, Ulagammai M (Saveetha Engineering College, Chennai); Yuvaraj T (Chennai Institute of Technology, Chennai)

10.30 - 10.40	103	<b>Reliability Analysis of Distribution Systems with Solar-Based DG and Capacitor Integration Using the Water Cycle Optimization Algorithm</b> Hemalatha R*, John De Britto C (Saveetha Engineering College, Chennai); Yuvaraj T (Chennai Institute of Technology, Chennai); Ulagammai M, Suresh T D, Thirumalai M (Saveetha Engineering College, Chennai)
10.40 - 10.50	109	<b>Hardware in the Loop (HIL) Implemented for An Investigation to Unity Input Power Factor in Presence of Permanent Magnet Synchronous Motor Drive</b> R.Hariharan, M. Deva Darshanam* (Saveetha School of Engineering, Chennai)
10.50 - 11.00	117	<b>India's National Green Hydrogen Mission: Barriers and Climatic Impact</b> Rajeev Kumar*, Sonali Goel, Renu Sharma (Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar); Belqasem Aljafari (Najran University, Saudi Arabia)

**2<sup>nd</sup> International Conference on Biotechnology and  
Interdisciplinary Technologies (iCBIT 2024)**

Conference Title	2 <sup>nd</sup> International Conference on Biotechnology and Interdisciplinary Technologies (iCBIT 2024)
Track	Interdisciplinary technologies
Parallel Session	1A
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	C203, CBIT
Chairs	Prof. Ashoutosh Panday, CBIT
Link (if online)	Offline

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	iCBIT24-APB-OP-04	<b>Novel Strategy to Improves Photosynthetic Efficiency of Solanum lycopersicum</b> L. M Mounika, B Ravi Kiran, S. Venkata Mohan 1, 2 *(CSIR-Indian Institute of Chemical Technology)
15.25 - 15.35	iCBIT24-APB-OP-06	<b>Integrated remote sensing and gis-based agricultural drought monitoring using spectral indices tci, vci, and vhi in the marathwada region</b> Ramnarayan Sanskriti (Chaitanya Bharathi Institute of Technology, Hyderabad)
15.35 - 15.45	iCBIT24-APB-OP-07	<b>Sustainable Production of Nano-Crystalline Cellulose from Finger Millet Biomass</b> Dr Rahila Qureshi (Centre for DNA Fingerprinting and Diagnostics, Hyderabad)
15.45 - 15.55	iCBIT24-ATR-OP-02	<b>Mycobacterial protein PPE2 modulates macrophage gene expression and host immune effector functions</b> Rahila Qureshi, Manoj Bhist, and Sangita Mukhopadhyay* (Centre for DNA Fingerprinting and Diagnostics (CDFD),)
15.55 - 16.05	iCBIT24-BDG-OP-02	<b>Evaluation of anti-kinetoplastid chemical boxes to identify the specific inhibitors of leishmanial carboxypeptidase</b> Sourish Sen, and Insaf Ahmed Qureshi* (University of Hyderabad)
16.05 - 16.15	iCBIT24-BDG-OP-03	<b>Biochemical and structural characterization of LdMAcP as a therapeutic target against visceral leishmaniasis</b> Jyotisha, and Insaf Ahmed Qureshi* (University of Hyderabad)
16.15 - 16.25	iCBIT24-BDG-OP-09	<b>Molecular docking analysis of HSP90 isoforms towards specific inhibitors</b> Sai Charitha Mullaguri , Shrvanthi Ravula a , Sree Kanth Sivan b , Sravani Akula, Vijjulatha Manga and Rama Krishna Kancha * (Osmania University, Hyderabad-500007.)
16.25 - 16.35	iCBIT24-BPE-OP-03	<b>Hybrid microenvironments influence on biopolymer production</b> U. Spoorthi, Yamini Javvadi, S. Venkata Mohan, (CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad)



Conference Title	2 <sup>nd</sup> International Conference on Biotechnology and Interdisciplinary Technologies (iCBIT 2024)
Track	Interdisciplinary technologies
Parallel Session	1B
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	M201, CBIT
Chairs	Dr Sanjeeb Kumar Mandal, CBIT
Link (if online)	Offline

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	iCBIT24-BPE-OP-05	<b>Microbial Upcycling of Plastics Waste to Pigments</b> J.K.S Kethana, Yamini Javvadi and S. Venkata Mohan (CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad, 500007.)
15.25 - 15.35	iCBIT24-BPE-OP-07	<b>Urbanization Influence on Antibiotic Resistance Dynamics in Aquatic Environments</b> Yamini Javvadi and S. Venkata Mohan (CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad)
15.35 - 15.45	iCBIT24-BPE-OP-10	<b>Pigment Profiling in Coelestrella sp. Under Light and Salinity Stress Conditions and Evaluation of their Antioxidant Potential</b> Ms. Poonam Kumari and Dr S. Venkata Mohan (CSIR-Indian Institute of Technology, Hyderabad)
15.45 - 15.55	iCBIT24-BRE-OP-01	<b>Biodegradation of Terephthalic Acid and PET Waste by Rhodococcus sp. SVMIICT33</b> G Sai Sindhu, Suresh G, Yamini Javvadi and S Venkata Mohan (CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad)
15.55 - 16.05	iCBIT24-BRE-OP-09	<b>Evaluating Reducing Sugar Yield and Environmental Impact in Thermochemically Pretreated Biomass Feedstocks</b> Prafull Kumar Jha and S Venkata Mohan (CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad)
16.05 - 16.15	iCBIT24-CBG-OP-03	<b>Method development and validation of metformin, sitagliptin and pioglitazone using simultaneous equation method by UV spectroscopic technique</b> Ch.Sreehitha (Chaitanya Bharathi Institute of Technology, Hyderabad)
16.15 - 16.25	iCBIT24-FNP-OP-05	<b>Extraction of oil containing Omega-3 fatty acids using Deep eutectic solvents</b> Neha Naijo Areekal, KSMS Raghavarao, Anil B. Vir (Department of Chemical Engineering, Indian Institute of Technology, Tirupati-517619)

Conference Title	2 <sup>nd</sup> International Conference on Biotechnology and Interdisciplinary Technologies (iCBIT 2024)
Track	Interdisciplinary technologies
Parallel Session	1C
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	BI Lab, CBIT
Chairs	Dr C. Obul Reddy, CBIT
Link (if online)	Offline

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	iCBIT24-APB-PP-08	<b>THCA Synthase and Genetic Control on Cannabis Intoxication: A Comprehensive Review.</b> K. Manasvi, Smriti Soma, L. Trishika, *Varimadugu Aruna (Chaitanya Bharathi Institute of Technology, Hyderabad)
15.25 - 15.35	iCBIT24-APB-PP-09	<b>The Rise of Plant - Based Proteins: Shaping The Future Of Meat Alternatives.</b> Areebah Mazher, Mehvish Fatima, and Sanjeeb Kumar Mandal (Chaitanya Bharathi Institute of Technology, Hyderabad)
15.35 - 15.45	iCBIT24-ATR-PP-03	<b>Advancing Animal Performance Through Biotechnology And Tissue Engineering.</b> Bendapudi Surya Niharika (Malla Reddy University Maisammaguda, Hyderabad)
15.45 - 15.55	iCBIT24-ATR-PP-06	<b>Naturally derived bioinks and stem cell innovations in bioprinting : advances in regenerative medicine.</b> Meka Manasa (Malla Reddy University Maisammaguda, Hyderabad)
15.55 - 16.05	iCBIT24-ATR-PP-07	<b>Pcl based composite scaffold matrices for bone tissue defects.</b> Nadeem Siddiqui*, Gunturi Sravya, Vissamsetty Pranathi, Madhura Sai Susmitha, Gnana Sandeep (Koneru Lakshmaiah Education Foundation, Guntur, Andhra Pradesh)
16.05 - 16.15	iCBIT24-ATR-PP-08	<b>Platelet-Derived Extracellular Vesicles: Key Biomolecules for Next-Generation Tissue Regeneration</b> Vavilala.Manideep Reddy (Malla Reddy University, Maisammaguda, Hyderabad)
16.15 - 16.25	iCBIT24-ATR-PP-09	<b>Probing Crustacean shell waste in Regenerative medicine.</b> Asha Sri, Anusha Sri, Saran Teja, Nadeem Siddiqui* (Koneru Lakshmaiah Education Foundation, Guntur, Andhra Pradesh)
16.25 - 16.35	iCBIT24-ATR-PP-10	<b>Hereditary cancers associated with germline mutations.</b> Ananya Vakkalanka , Rishitha Tatipelli , *Dr. Chitpepu Obula Reddy (Chaitanya Bharathi Institute of Technology, Hyderabad)

Conference Title	2 <sup>nd</sup> International Conference on Biotechnology and Interdisciplinary Technologies (iCBIT 2024)
Track	Interdisciplinary technologies
Parallel Session	1D
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	M101, CBIT
Chairs	Dr K. Dharmalingam, CBIT
Link (if online)	Offline

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	iCBIT24-BDG-PP-10	<b>Phylogenetic analysis of HSP70 and HSP90 among prokaryotes and eukaryotes.</b> Qudrathulla Khan Quadri Mohammed a , Shravanthi Ravula a , Nidhi Singh Ranawat, Suresh Reddy Mittapalli, Rama Krishna Kancha (Molecular Medicine and Therapeutics Laboratory, CPMB, OU, Hyd), Shravan Kumar Gunda (Bioinformatics Division, Prof. G. Ram Reddy Centre for Distance Education, OU, Hyd)
15.25 - 15.35	iCBIT24-BRE-PP-01	<b>Co-Cultivation of Microalgae for Efficient Harvesting: Simultaneous Wastewater Treatment and Value Addition.</b> Nidhi Bhide, Punreddy Akshitha, Roshini Perumal, C. Nagendranatha Reddy* (CBIT, Hyderabad)
15.35 - 15.45	iCBIT24-FNP-PP-19	<b>Marine probiotics: Isolation and Application.</b> Md Rahman uddin (CBIT, Hyderabad)
15.45 - 15.55	iCBIT24-FNP-PP-18	<b>Harnessing Marine Microbial Enzymes for Advancements in Food Biotechnology.</b> Nusaybah Mohammed Saleem (CBIT, Hyderabad)
15.55 - 16.05	iCBIT24-MST-PP-02	<b>Contaminant Leaching in Groundwater: The Effect of Microplastics and Associated Toxic Chemicals in Water Pollution.</b> Srikanth Muthyala, Ashoutosh Panday, Bishwambhar Mishra* (CBIT, Hyderabad)
16.05 - 16.15	iCBIT24-NMA-PP-05	<b>Recent Developments in Multifaceted Applications of Metal Oxide Nanomaterials</b> V. Srilalitha (Department of Chemistry, Faculty of Science and Technology (ICFAI Tech), ICFAI Foundation for Higher Education)
16.15 - 16.25	iCBIT24-NMA-PP-06	<b>Therapeutic nanoparticles in drug delivery systems.</b> Siri karusala, Ganesh Chandra shekar (School of Allied Healthcare Sciences, Mallareddy University)

Conference Title	2 <sup>nd</sup> International Conference on Biotechnology and Interdisciplinary Technologies (iCBIT 2024)
Track	Bioprocessing and Environmental Engineering (BPE) and Biofuels and Renewable Energy (BRE)
Parallel Session	2A
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	online
Chairs	Dr E. Rajeshwar Reddy, NIT AP
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=m808a2f188efeba839163c3320ee152ba">https://cbithyd.webex.com/cbithyd/j.php?MTID=m808a2f188efeba839163c3320ee152ba</a>

Time	Paper ID	Paper Title and Authors
09:30 - 09:40	iCBIT24-BPE-OP-01	<b>Comprehensive assessment of food waste valorization for bioelectricity, biohydrogen and biomethane production</b> Trupti Kadapatti, Devu Pengadeth, Gunda Mohanakrishna* (Department of Biotechnology, KLE Technological University, Hubballi – 580031, India)
09.40 – 09.50	iCBIT24-BPE-OP-02	<b>Electrode assisted dark fermentative hydrogen production: Role of electroactive mixed bacterial biofilm and electrochemical potential</b> Devu P and G. Mohana Krishna (KLE Technological University Hubli Karnataka India )
09.50 – 10.00	iCBIT24-BPE-OP-04	<b>Improving syngas and CO<sub>2</sub> conversion in Clostridium Acetobutylicum via heterologous expression of CODH genes</b> Athmakuri Tharak, Suresh G, Sreeram Kaveti , Nishanth Jain , S Venkata Mohan* (Department of Applied Biology, CSIR-Indian Institute of Chemical Technology, Uppal Road, Hyderabad 500007, Telangana State, India)
10.10 – 10.20	iCBIT24-BPE-OP-08	<b>Deciphering the biofilm formation mechanism in Methicillin-Resistant in staphylococcus aureus and it's role in antibiotic resistance</b> Anchula Amulya (Osmania university)
10.20 – 10.30	iCBIT24-BPE-OP-09	<b>Isolation and Characterization of Protease-Producing Bacteria from Diverse Environmental Samples</b> Supriya.V, Sujitha Vadlamudi, Suravajhala Manasa , Lakkam Krishnaveni, Chathyushya K (Project Instructor, Manna Biotech Private Limited, Hyderabad, Telangana, India)
10.30 – 10.40	iCBIT24-BRE-OP-02	<b>Continuous Biohydrogen Production in a Self-Buffered Continuous Upflow Anaerobic System</b> J Santhosh and S Venkata Mohan *(Academy of Scientific and Innovative Research (AcSIR), Ghaziabad, India)
10.40 – 10.50	ICBIT24-BRE-OP-03	<b>Enhanced Light Absorption and Efficiency in MAPbI<sub>3</sub> Solar Cells through Photon Recycling</b> M. D. V. Srilalitha (Maturi Venkata Subba Rao (MVSR) Engineering College)

10.50 – 11.00	iCBIT24- BRE-OP- 05	<b>Microalgal mixotrophy for the degradation of azo dye wastewaters for simultaneous CO<sub>2</sub> sequestration</b> Keerti Dasaraddi, Devu Pengadeth, Sneha Prakash Naik, Gunda Mohanakrishna *(Department of Biotechnology, KLE Technological University, Hubballi, India)
11.00 – 11.10	iCBIT24- BRE-OP- 06	<b>Nutrient Stress on Lipid Production and Photosynthetic Performance</b> Banavath Suresh, Boda Ravi kiran, S. Venkata Mohan (Bioengineering and Environmental Sciences Lab, Department of Energy and Environmental Engineering (DEEE), CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad, India.
11.10 – 11.20	iCBIT24- BRE-OP- 07	<b>Power generation through biotransformation of duckweed hydrolysate: Integrated strategy leveraging algal-based treatment of MFC effluent and carbon sequestration</b> Sneha Prakash Naik, Gunda Mohanakrishna (Center for Energy and Environment, School of Advanced Sciences, KLE Technological University, Hubballi – 580031)
11.20 – 11.30	iCBIT24- BRE-OP- 08	<b>Carbon Neutral Succinic Acid Production from Citrobacter amalonaticus (IICTSVMSA1) using CO<sub>2</sub> as a Feedstock in Electro-fermentation</b> Ms Triya Mukherjee (CSIR-Indian Institute of Chemical Technology, Hyderabad)
11.30 – 11.40	iCBIT24- BPE-PP- 11	<b>Biofilm formation on biotic and abiotic surface: Associated issue and challenges</b> Dinesh Chand Agrawal (Jaipur National university, Jaipur)
11.40 – 11.50	iCBIT24- BPE-PP- 13	<b>Microbes vs. Plastic: The Secret Life of Tiny Biodegraders</b> Parisha Manaswini, Mohammed Faizan, Hasini Pinnnapu Reddy, Bandari Krishn Karthik, Siripuram Shivarama Krishna and Bishwambhar Mishra* (Department of Biotechnology, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, India)
11.50 – 12.00	iCBIT24- BPE-PP- 15	<b>The Light of the Living: A Review on Exploring Bioluminescence and Recent Advances</b> Bhavana Pulivarthi, Laya Vinukonda, C. Nagendranatha Reddy* (Department of Biotechnology, Chaitanya Bharathi Institute of Technology, Hyderabad)
12.00 – 12.10	iCBIT24- BPE-PP- 16	<b>Preparation and characterization of Hydroxyapatite from sea shells by Hydrothermal Method</b> Lokam Pranavi Sri Sai (Chaitanya Bharathi Institute of Technology, Hyderabad)

Conference Title	2nd International Conference on Biotechnology and Interdisciplinary Technologies (iCBIT 2024)
Track	Bioinformatics, Drug Design, Genomics and Proteomics (BDG) and Agricultural Engineering & Plant Biotechnology (APB)
Parallel Session	2B
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	online
Chairs	Dr Praveen Ramanujam, Arunai Engg. College
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=me17f6510aee8e8f5e0bc6f91bd422f3a">https://cbithyd.webex.com/cbithyd/j.php?MTID=me17f6510aee8e8f5e0bc6f91bd422f3a</a>

Time	Paper ID	Paper Title and Authors
09:30 - 09:40	iCBIT24-APB-OP-02	<b>Effect of Cold Plasma Discharge Systems on Nutrition, Morphology and Agricultural Yield in Foxtail Millet (<i>Setaria italica</i> L.)</b> Kausar Jumana S, Medha Adiga, Rajanikanth BS, Lokesh Ravi *(Department of Food Technology, Faculty of Life and Allied Health Sciences, MS Ramaiah University of Applied Sciences, Bengaluru, India)
09.40 – 09.50	iCBIT24-APB-OP-03	<b>Geochemistry of heavy metal in soils of Miryalaguda area, Nalgonda district of Telangana</b> Musini. Venkateshwarlu, U.V.B. Reddy, Abdul Subhani Shaik, K. Rajagopal, Y.S. Reddy (Department of Civil Engineering, CMR College of Engineering & Technology, Hyderabad)
09.50 – 10.00	iCBIT24-BDG-OP-01	<b>In silico designing and in vitro evaluation of potent inhibitor to overcome antibiotic resistance against escape pathogens</b> G. Priyadarshini (Sri Venkateshwara College of Engineering)
10.10 – 10.20	iCBIT24-BDG-OP-06	<b>Immunoinformatics guided engineering of a Cysteine Proteases chimera protein from <i>Trichomonas foetus</i>.</b> Geethanjali (Indira Priyadarshini Govt. Degree College for Women (A), Nampally, Hyderabad)
10.20 – 10.30	iCBIT24-BDG-OP-07	<b>Dynamic ensemble technique for DNA enhancer prediction using machine learning methods</b> Balingan Sangameshwar (VNRVJIET)
10.30 – 10.40	iCBIT24-APB-PP-03	<b>Development and testing of specified Biopesticide, Biocompost, Biofertilizer on Mustard plant</b> Addagatla Ravindar and B.L.N.D.Poojitha (Biochemical Engineering & Biotechnology Lab, Department of Chemical Engineering, University College of Technology, Osmania University, Hyderabad-07.)
10.40 – 10.50	iCBIT24-APB-PP-06	<b>Optimization of hydroponic plant growth in a greenhouse using kitchen waste-derived nutrient solution and IOT-based nutrient management</b> Deepika S, Divakar K*(Department of Biotechnology, Sri Venkateswara College of Engineering, Sriperumbudur Tk Tamil Nadu, India)
10.50 – 11.00	iCBIT24-APB-PP-10	<b>Utilizing plant extracts and essential oils to control post harvest pathogens and prolonged fruit Freshness</b> Isha Thakur (Lovely Professional university)

11.00 – 11.10	iCBIT24- APB-PP- 13	<b>Tapping wild germplasm resources for quality improvement in brassica crop species</b> Amit Chhikara, Vajinder Kumar, Vikas Sharma, Shivika Sharma (Lovely Professional University, Jalandhar, Punjab)
11.10 – 11.20	iCBIT24- BDG-PP- 07	<b>The epigenetic awakening: unlocking human potential</b> M. Nandini, K. P. S. Sree Varshinee, K. Dharmalingam (Department of Biotechnology, Chaitanya Bharathi Institute of Technology, Hyderabad)
11.20 – 11.30	ICBIT24- BDG-PP- 12	<b>Drug Design in personalized medicine</b> Kommera Akshaya, Linga Varshitha, Thirumalareddy Laasya sri, Pogadanda Supraja, Dr. Varimadugula Aruna ((Department of Biotechnology, Chaitanya Bharathi Institute of Technology, Hyderabad)
11.30 – 11.40	iCBIT24- BDG-PP- 12	<b>A review on application of CRISPER in animal disease resistance</b> Aryan Sharma (Lovely Professional University, Jalandhar, Punjab)
11.40 – 11.50	iCBIT24- BDG-PP- 13	<b>Biological Treatment of Psoriasis by Plant-derived Drugs</b> Ashish Chauhan (Lovely Professional University, Jalandhar, Punjab)
11.50 – 12.00	iCBIT24- BDG-PP- 14	<b>Genomic manipulation in biological warfare: from potential to protection.</b> Dhruti Dounde (Chaitanya Bharathi Institute of Technology, Hyderabad)
12.00 – 12.10	iCBIT24- BDG-PP- 15	<b>A non invasive markers based systems approach for the diagnosis of diabetic peripheral neuropathy</b> Cambampaty Akshita Naidu (Chaitanya Bharathi Institute of Technology, Hyderabad)
12.10 – 12.20	iCBIT24- BDG-PP- 16	<b>Comprehensive study of biomarkers associated with neurodegenerative diseases using bioinformatic tools</b> Amatul Rahman Khadija*, Vuyyuru Hasanthi, Varimadugu Aruna (Department of Biotechnology, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad)
12.20 – 12.30	iCBIT24- BDG-PP- 17	<b>BBB - Building Blocks of Bioinformatics: A Practical Guide To Tools, Tips And Common Workarounds</b> S. F. Hasan (Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad)

Conference Title	2 <sup>nd</sup> International Conference on Biotechnology and Interdisciplinary Technologies (iCBIT 2024)
Track	Food, Nutrition and Pharmaceutical Biotechnology (FNP) and Animal Biotechnology, Tissue Engineering and Regenerative Medicine (ATR)
Parallel Session	2C
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Dr G.N Nikhil, NIT Jalandhar, India
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=m755ad025c030601c7796121535eb1609">https://cbithyd.webex.com/cbithyd/j.php?MTID=m755ad025c030601c7796121535eb1609</a>

Time	Paper ID	Paper Title and Authors
09:30 - 09:40	iCBIT24-ATR-OP-01	<b>Stem Cell Therapy in Regenerative Medicine: A Comprehensive Review of Its Potential Globally</b> M Sangeetha (Chaitanya Bharathi Institute of Technology, Hyderabad)
09.40 – 09.50	iCBIT24-FNP-OP-01	<b>A Comparative Study on Biofilm Formation and Antibiotic Susceptibility of <i>Listeria monocytogenes</i> from Plant (Leafy Vegetables) and Animal Food (meat and meat products) Sources from India</b> Niveditha Pollumahanti, M. Gowtham, M. Singhal, B.I Reddy, S.B. Barbuddhe, K. Srikanth and D. B. Rawool (ICAR- National Meat Research Institute, Hyderabad. India Indian Veterinary Research Institute, Bareilly, Izatnagar, Uttar Pradesh. Vignan Foundation for Science Technology and Research, Guntur, Andhra Pradesh)
09.50 – 10.00	iCBIT24-FNP-OP-02	<b>A review on activity and safety evaluation of natural preservatives</b> Murali Pujari, G Naga Chaitanya, Nunna Lakshmi Shinee* (Energy Cluster, UPES, Dehradun, Uttarakhand, India) (Department of Chemical Engineering, GVP College of Engineering, Visakhapatnam)
10.10 – 10.20	iCBIT24-FNP-OP-03	<b>Assessing the Efficacy of Natural Antioxidants from Hydrodistillation in Protecting Zebrafish Embryos from Acrylamide Toxicity</b> Linekha Radhakrishnan, Samyuktha Enbanathan and Nakkeeran Ekambaram* (Department of Biotechnology, Sri Venkateswara College of Engineering, Sriperumbudur, Tamil Nadu)
10.20 – 10.30	iCBIT24-FNP-OP-04	<b>Exploration of antioxidant potential of methanolic extracts of various plant sources by comparative analysis</b> Anjaneyulu Musini *, S.S. Sravanthi Pammi, Chittepu Obula Reddy, P Gnana Deepu Zahoorullah.S.MD (Centre for Biotechnology, University College of Engineering and Science & Technology. Jawaharlal Nehru Technological University HYD. SVR Government Degree College, Nidadavole. Department of Biotechnology, Chaitanya Bharati Institute of Technology, HYD. Chief Innovation Officer, Atal Incubation Centre, ALEAP WEHUB, Supported by AIM NITI Aayog GOI, HYD)
10.30 – 10.40	iCBIT24-FNP-OP-07	<b>Methicillin Resistant <i>Staphylococcus aureus</i></b> M Sangeetha ( Chaitanya Bharathi Institute of Technology)



10.40 – 10.50	iCBIT24-FNP-OP-09	<b>A study on Anti inflammatory and Anti diabetic activity of Probiotics isolated from indigenous food samples</b> Suravajhala Manasa, Lakkam Krishnaveni, Aakanksha Banoth Chathyushya K B* (Manna Biotech Private Limited, Hyderabad)
10.50 – 11.00	iCBIT24-FNP-OP-10	<b>A Comparative Evaluation of AMR in Organic and Conventional Food products: Emerging Threats</b> Heerakar Lavanya, Vemula Shivani, Kadigalla Sai Deepika, Kongar Ruthika, Sujitha Vadlamudi, Lakkam Krishnaveni, Chathyushya K B* (Intern, Manna Biotech Hyderabad, Telangana, India.)
11.00 – 11.10	iCBIT24-FNP-OP-11	<b>Investigating the role of food as reservoir for beta lactamase producing Antimicrobial Resistant Bacteria</b> Tadisetty Sai Sravani, Bonigala Veera Sirisha, Bangaru Keerthana, Sujitha Vadlamudi, Modumudi Kiranmayi, Swarnalatha, Chathyushya K B*, (Manna Biotech Hyderabad, Telangana, India, Hindu college Guntur, Andra Pradesh)
11.10 – 11.20	iCBIT24-FNP-OP-12	<b>Characterization of oxalate degrading and anticholesteremic activities in bacteria isolated from probiotic foods</b> Degal Suvartha Raju, Batchu Navya Niharika, Tiriveedhi Vaishnavi, Ganta Sunandhini, Sujitha Vadlamudi, Modumudi Kiranmayi, Chathyushya K B* (Manna Biotech Private Limited, Hyderabad, Telangana)
11.20 – 11.30	iCBIT24-ATR-PP-01	<b>Addressing Mitochondrial Dysfunction and Oxidative Stress in Neurodegenerative: A Pathway to Novel Therapies</b> Disha Penchala (Chaitanya Bharati Institute of Technology, Hyderabad)
11.30 – 11.40	iCBIT24-ATR-PP-02	<b>Advancements in theranostics of lung cancer</b> Vaidik Shreshta Jangili (Chaitanya Bharati Institute of Technology, Gandipet, Hyderabad)
11.40 – 11.50	iCBIT24-ATR-PP-07	<b>Pcl based composite scaffold matrices for bone tissue defects</b> Dr. Nadeem Siddiqui (KLEF Deemed to be University, Guntur, Andhra Pradesh)
11.50 – 12.00	iCBIT24-ATR-PP-12	<b>Fungal Endophytes: A potential source of novel Anticancer compounds</b> Nisha Sharma (Lovely Professional University, Phagwara, Jalandhar, Punjab)
12.00 – 12.10	iCBIT24-FNP-PP-14	<b>Development and Validation of QBD approached assay method for Novel Anti-Neoplastic drugs by using LC-MS/MS.,</b> Byrishetty Likhitha (Mallareddy institute of pharmaceutical sciences, kompally, Secunderabad)
12.10 – 12.20	iCBIT24-FNP-PP-16	<b>AI-Driven Sustainable Plant-Based Meat Production: Optimizing Media with Recyclable and Upcycled Materials</b> V. Sai Nikhitha, K. Shivathmika Reddy (Chaitanya Bharathi Institute of Technology, Hyderabad)
12.20 – 12.30	iCBIT24-FNP-PP-17	<b>Gut health and cancer: probiotic connection</b> Adepu Srihita, Ananya Suma Konda (Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, Telangana 500075)

Conference Title	2 <sup>nd</sup> International Conference on Biotechnology and Interdisciplinary Technologies (iCBIT 2024)
Track	Interdisciplinary Technologies (Physics and Chemistry)
Parallel Session	2D
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Dr J Krishnamurthy, NIT Andhra Pradesh
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=mda614e4d71471a26190b3ae99b56c249">https://cbithyd.webex.com/cbithyd/j.php?MTID=mda614e4d71471a26190b3ae99b56c249</a>

Time	Paper ID	Paper Title and Authors
09:30 - 09:40	iCBIT24-CGB-OP-01	<b>Life Cycle Impact Assessment of Benzaldehyde Synthesis: Evaluating Environmental Sustainability</b> Rayala Mohan (CSIR-Indian Institute Of Chemical Technology (IICT))
09.40 – 09.50	iCBIT24-CGB-OP-02	<b>Synthesis and biological assignment of triazoles quinazoline carbo thioamide derivatives</b> Ch. Keerthi (Osmania University)
09.50 – 10.00	iCBIT24-CGB-OP-03	<b>Method development and validation of metformin, sitagliptin &amp; pioglitazone using simultaneous equation by uv- spectroscopic technique</b> N. Navya (Chaitanya Bharathi Institute of Technology, Hyderabad)
10.10 – 10.20	iCBIT24-MST-OP-02	<b>Cu, Ag and Au Doped Graphene Oxide-cds nps Synthesis and Investigation of Photocatalytic Degradation of Dyes and Pesticides for Wastewater Treatment</b> Dr. Dasari Ayodhya, (Chemical Group, Intellectual Property India, Patent Office, Chennai, Tamil Nadu)
10.20 – 10.30	iCBIT24-MST-OP-03	<b>Elastic and Porosity Correction Studies of Sm and Na Co-Doped srbi4ti4o15 Piezoelectrics Using Ultrasonic Velocity Measurements</b> Elle Sagar(Vidya Jyothi Institute of Technology, Aziz Nagar gate, CB Post, Hyderabad)
10.30 – 10.40	iCBIT24-MST-OP-04	<b>Thermo-Acoustical Studies of Binary liquid mixtures at different temperatures</b> Dr A. Nagarjuna(Associate Professor, Department of Physics, Teegala Krishna Reddy Engineering College, Meerpet, Medbowli, Hyderabad)
10.40 – 10.50	ICBIT24-NMA-OP-01	<b>A Green synthesis of polysaccharide based silver nano dextran composite hydrogel for enhanced bioavailability and bioactivity</b> Dr S Chaitanya Kumari and Dr K Anuradha (Department of Microbiology, Bhavan's Vivekananda College of Science, Humanities and Commerce, Sainikpuri, Secunderabad, Telangana)
10.50 – 11.00	iCBIT24-NMA-OP-03	<b>Zinc and copper oxide nanoparticles as emerging nano - fertilizers : production, characteristics and agricultural applications.</b> Sugantha Mala S (St.Pious X Degree and PG College for Women, Nacharam, Hyderabad )

11.00 – 11.10	iCBIT24- CGB-PP- 01	<b>A study review on corrosion inhibition,</b> G.Nithin (GVP College Of Engineering, Gandhi Angar, Madhuravada, Visakhapatnam, Andhra Pradesh,530048.)
11.10 – 11.20	iCBIT24- CGB-PP- 04	<b>Study on Application of Nanomaterials in Cosmetics and Skincare</b> Kalakriti Nirola (Lovely Professional university, Punjab)
11.20 – 11.30	iCBIT24- MST-PP- 01	<b>Case study on the Recovery of Lithium from Spent Batteries</b> P. Durga Naveen, (GVP College of engineering, Gandhi Nagar, Madhurawada, Visakhapatnam, Andhra Pradesh 530048)
11.30 – 11.40	iCBIT24- MST-PP- 02	<b>Contaminant Leaching in Groundwater: The Effect of Microplastics and Associated Toxic Chemicals in Water Pollution</b> Dr. Ashoutosh Panday (Chaitanya Bharathi Institute of Technology, HYD)
11.40 – 11.50	iCBIT24- MST-PP- 03	<b>Review on Silver Composite Membrane with Antibacterial Properties in Wastewater Treatment Applications</b> Murali Pujari (Department of Chemical Engineering, Energy Cluster, UPES, Bidholi Campus, Dehradun)
11.50 – 12.00	iCBIT24- NMA- PP-07	<b>Beyond the microscope: the role of nanotechnology in modern medicine</b> D. Sarayu (Chaitanya Bharathi Institute of Technology, Hyderabad)
12.00 – 12.10	iCBIT24- NMA- PP-08	<b>Design of Nano-Based Cardiovascular Devices</b> Kandimala Venkat Keerthan (Chaitanya Bharathi Institute of Technology, Hyderabad)
12.10 – 12.20	iCBIT24- NMA- PP-09	<b>DNA Origami: Transformative Applications in Precision Skincare and Nanomedicine</b> Dasari Bhoomika (Chaitanya Bharathi Institute of Technology, Hyderabad)
12.20 – 12.30	iCBIT24- NMA- PP-10	<b>Leachate treatment</b> Battu Soumya , Mandapuram Paripoorna , Sanjeeb kumar Mandal, Rajni Kumari (Chaitanya Bharathi Institute of Technology, Hyderabad)
12.30 – 12.40	iCBIT24- NMA- PP-11	<b>Nanomaterials and applications</b> Dr S Chaitanya Kumari and Dr K Anuradha (Department of Microbiology, Bhavan's Vivekananda College of Science, Humanities and Commerce, Sainikpuri, Secunderabad, Telangana)
12.40 – 12.50	iCBIT24- NMA- PP-12	<b>The role of nanotechnology and nano material</b> Kalakriti (Lovely Professional University)

**International Conference on Innovative Computing  
Technologies (ICICT2024)**

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	Innovation and Computing (Computing, SN, AM)
Parallel Session	1A
Time and Date	15:15 Hrs to 16:45 Hrs. and 13 <sup>th</sup> December 2024
Venue	CSE-Lab-2
Chairs	G. Yedukondalu, Assoc. Prof., Dept. of Data Science
Link (if online)	Offline

Time	Paper ID	Paper Title and Authors
15.15 – 15.25	212	<b>The Heuristic Interrogative Construction Engine: A System for Automated Multiple choice Question Formulation</b> Y. Sri Lalitha*, V. Vishal, K. Sivananda Reddy, R. Sohith (Gokaraju Rangaraju Institute of Engineering and Technology)
15.25 - 15.35	175	<b>Image Colorization Approaches</b> Prabhakar Kandukuri*, Harini Margam, and Varshita Pokala (Chaitanya Bharathi Institute of Technology)
15.35 - 15.45	177	<b>Efficient Det-Based Framework for Medicinal Leaf Detection and Therapeutic Usage</b> Jangam Poojith*, Pulluri Sidhartha and Atufa Javeed* (Chaitanya Bharathi Institute of Technology)
15.45 – 15.55	372	<b>Leveraging of Machine Learning and Deep Learning for the Potential Diagnosis of Parkinson’s Disease: A Review</b> Vanam Naga Madhuri, Vignesh Ananth Chenna, Devaraju Sushanthi, B. Veera Jyothi, L Suresh Kumar (Chaitanya Bharathi Institute of technology)
15.55 – 16.05	373	<b>Speech-Enabled Image Captioning using Vision Transformers and Google Cloud Text-to-Speech</b> Nishitha Nagulvancha, S. Navya PraKeerthi and G. Vanitha (Chaitanya Bharathi Institute of Technology)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	AIML
Parallel Session	1B
Time and Date	15:15 Hrs to 16:45 Hrs. and 13 <sup>th</sup> December 2024
Venue	AIML Lab-1, Ground Floor, Block- A
Chairs	N. Ramadevi, Professor in IT, CBIT-Hyderabad
Link (if online)	<a href="https://meet.google.com/vgx-sccx-rsk">https://meet.google.com/vgx-sccx-rsk</a>

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	101	<b>Addressing Class Imbalance in Medicare Fraud Detection Using SMOTE-ENN and Machine Learning</b> Chengamma, Karumuri Pavani, Mohammed Amanulla, Mangadoddi Kavya, Nitturu Nithin, Kandela Nithin Raksha (Annamacharya Institute of Technology and Sciences)
15.25 - 15.35	173	<b>Interior Design Website using GAN and AI Technologies</b> Kuldeep Vayadande, Reet Parmar, Sushant Jakhade, Gauravi Kadam, Kshitij Jadhav, Swarada Joshi (Vishwakarma Institute of Technology)
15:35- 15:45	189	<b>Ldr-Based Smart Streetlight System For Energy Conservation</b> Kartik Patil, Arati Kothari, Priyanka Nalawade, Kamlesh Pawar, Suyog Gharat (Ajeenkya DY Patil University)
15:45- 15:55	115	<b>NLP Approaches for Emotion Detection using Speech</b> Shyam Kumar Moppey, Prabhakar Kandukuri, and Jayaditya Peddisetti (Chaitanya Bharathi Institute of Technology)

Conference Title	International Conference on Innovative Computing Technologies (ICICT 2024)
Track	COMPUTER APPLICATIONS
Parallel Session	1C
Time and Date	15:15 Hrs to 16:45 Hrs. and 13 <sup>th</sup> December 2024
Venue	MCA Lab-1, Second Floor, Department of MCA, B- Block
Chairs	E. Padmalatha, Chaitanya Bharathi Institute of Technology Hyderabad
Link (if online)	<a href="https://meet.google.com/vsh-wwji-ekb">https://meet.google.com/vsh-wwji-ekb</a>

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	55	<b>Enhanced Road damage Detection through UAV Image Analysis and Deep Learning Approaches</b> Ponna Akhila, P. Krishna prasad (Chaitanya Bharathi Institute of Technology)
15.25 - 15.35	293	<b>Revolutionizing Safety Standards: Yolov5X6 Empowered Helmet Detection</b> Thallam Gnana Asritha, B Indira, P. Krishna Prasad (Chaitanya Bharathi Institute of Technology)
15.35 - 15.45	85	<b>Ship Detection Based on Faster R-CNN Using Range-Compressed Airborne Radar Data</b> G.N.R. Prasad, Tirumala Setty Nikhitha (Chaitanya Bharathi Institute of Technology)
15.45 – 15.55	49	<b>Enhancing Cloud Security With Machine Learning Based Intrusion Detection System</b> Boyannagari Nikhitha, GNR Prasad, Chengali Vani (Chaitanya Bharathi Institute of Technology)
15.55 – 16.05	36	<b>Hybrid CNN and HOG Feature Extraction for Multi-Class Signature Verification</b> M. Ram Chandar, Manga Shreelekha (Chaitanya Bharathi Institute of Technology)
16.05 – 16.15	84	<b>Medical Insurance Premium Prediction Using Advanced Machine Learning Techniques</b> Bhaskaruni Dhanush Pavan Sai, M Ramchander, P. Krishna Prasad (Chaitanya Bharathi Institute of Technology)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	COMPUTER APPLICATIONS
Parallel Session	1D
Time and Date	15:15 Hrs to 16:45 Hrs. and 13 <sup>th</sup> December 2024
Venue	MCA Lab-1, Second Floor, Department of MCA, B- Block
Chairs	G. Vanitha, Chaitanya Bharathi Institute of Technology
Link (if online)	<a href="https://meet.google.com/vsh-wwji-ekb">https://meet.google.com/vsh-wwji-ekb</a>

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	13	<b>Smart Farming: Predicting Water Stress In Tomato Cultivation Using Bioristor Technology</b> Kadipaga Keerthi Bhavani, B. Indira, G.N.R. Prasad (Chaitanya Bharathi Institute of Technology)
15.25 - 15.35	30	<b>Detection of Depression and Anxiety in Women in Prenatal Period</b> M. Bala Bhaskara Anjali, M. Ramachander (Chaitanya Bharathi Institute of Technology)
15.35 - 15.45	48	<b>Skin Cancer Classification Using Optimized Convolutional Neural Network for a Healthcare System</b> Begari Nikhitha, GNR Prasad (Chaitanya Bharathi Institute of Technology)
15.45 – 15.55	54	<b>Pulmonary Tuberculosis Detection in Chest X-rays Utilizing Attention Modules, Implemented with Flask Deployment</b> K Himakar, B Srinivasa SP Kumar (Chaitanya Bharathi Institute of Technology)
15.55 – 16.05	58	<b>Adapting Yolo-V5x6 For Object Detection In Harsh Weather Conditionvisual Analytics Of Micro Learning Videos With Cognitive Computing</b> P. Krishna Prasad, Penke Jeevana Jessi (Chaitanya Bharathi Institute of Technology)
16.15 – 16.25	112	<b>Decentralized Flood Forecasting: Leveraging Federated Learning for Enhanced Prediction Accuracy</b> Kanchukatla Harshavardhan, B. Srinivasa S P Kumar (Chaitanya Bharathi Institute of Technology)



Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	AIML
Parallel Session	1E
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	AIML Lab-1, Ground Floor, Block- A
Chairs	M. Rudra Kumar, Professor in IT, MGIT-Hyderabad
Link (if online)	<a href="https://meet.google.com/vgx-sccx-rsk">https://meet.google.com/vgx-sccx-rsk</a>

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	278	<b>PolyEmo: A Multimodal Emotion Decoding Framework</b> R.Tamilkodi, A.Harika , K.Gowtham, G.Balaji, M.Harika, Ch. Jnaneswari (Godavari Institute of Engineering & Technology, Rajahmundry)
15.25 - 15.35	121	<b>Deep Learning Based UAV-Assisted Search and Rescue for Human Detection in Disaster Scenarios</b> Manoj Koshika, Prabhakar Kandukuri, Murali Krishna Pole (Chaitanya Bharathi Institute of Technology)
15.35 - 15.45	179	<b>High-Accuracy Fire and Smoke Detection System</b> Anudeep Panuganti, Barnali Gupta Banik (Mahatma Gandhi Institute of Technology)
15.45 – 15.55	378	<b>Handwritten Medical Prescription Optical character recognition using deep learning techniques</b> Naresh Kumar A, Aparna S (GITAM University)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	Innovation and Computing (Computing, SN, AM)
Parallel Session	1F
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	CSE LAB 1
Chairs	M. Swamy Das, CSE, CBIT
Link (if online)	Offline

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	442	<b>A Comparative Analysis of Breast Cancer Classification Techniques</b> S. Rakesh*, K. Gangadhra Rao, M. Venu Gopalachari, Peesala Balakrishna, Nakkapothula Vasanth, Katkuri Sai Kiran (Chaitanya Bharathi Institute of Technology)
15.25 - 15.35	265	<b>Reducing Intermediary Dependency in Agricultural Markets through a Direct Mobile Application for Farmers and Buyers</b> Lokesh Ram Chand Bazaru*, Lakshmi Sai Yeshwanth Sunkara, Krithik Sriharsha Amam, Pavan Kumar Pagadala*, Chanda Raj Kumar (Koneru Lakshmaiah Education Foundation)
15.35 - 15.45	72	<b>Cloud-Native Solutions for Enterprise Client Support: An AI Approach</b> Sumanth Gavini*, Nithyanand Pagidi, Goureesh Kurva, Shobarani Salvadi (Chaitanya Bharathi Institute of Technology)
15.45 – 15.55	200	<b>Explainability in Multimodality Healthcare Data Fusion Based Diagnosis</b> Pulipati Srilatha, Guduru Geetika, Patale Pavan Kumar, Samala Bhuvana (Chaitanya Bharathi Institute of Technology)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	COMPUTER APPLICATIONS
Parallel Session	1G
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	MCA Lab-1, Second Floor, Department of MCA, B- Block
Chairs	Sadha Siva Rao, Sri Indu College of Engineering & Technology
Link (if online)	<a href="https://meet.google.com/vsh-wwji-ekb">https://meet.google.com/vsh-wwji-ekb</a>

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	19	<b>A Hybrid Machine Learning Approach For Phishing Url Detection</b> M. Ramchander, Miyapuram Rahul (Chaitanya Bharathi Institute of Technology)
15.25 - 15.35	22	<b>Detection of Stress in Humans by Analyzing Sleep Patterns using Random Forest Classifier</b> Maimona Humaira, Dr M. Ramchander (Chaitanya Bharathi Institute of Technology)
15.35 - 15.45	24	<b>Classifying the Soil Surface Texture from RGB Images Captured in an Uncontrolled Field Environment</b> Sunkara Ramya, B.Indira (Chaitanya Bharathi Institute of Technology)
15.55 – 16.05	47	<b>A Machine Learning Approach For Malaria Detection</b> G.N.R Prasad, Shanivarapu Prasanna Kumar Reddy, P. Rambabu (Chaitanya Bharathi Institute of Technology)
16.15 – 16.25	51	<b>Evaluating Models for Real-Time Stock Market Forecasting on NASDAQ, NYSE and NSE</b> Mudhigonda Sai Supraja, M. Ram Chander (Chaitanya Bharathi Institute of Technology)
16.25 – 16.35	55	<b>Enhanced Road damage Detection through UAV Image Analysis and Deep Learning Approaches</b> Ponna Akhila, P. Krishna prasad (Chaitanya Bharathi Institute of Technology)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	Innovation and Computing (Computing, SN,AM)
Parallel Session	1H
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	CSE Lab-3
Chairs	V. Padmavathi, Associate Professor, CSE, CBIT
Link (if online)	Offline

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	168	<b>Investigating Modern Approaches in High-Frequency Trading: An Analysis of Machine Learning and Hybrid Models</b> Pulipati Srilatha, Mayukha Mohan Thatikonda, Vishakha Sonkamble, Savinaya Satla (Chaitanya Bharathi Institute of Technology)
15.25 - 15.35	188	<b>A Comprehensive Analysis for Federated Learning Approaches on Next Word Prediction</b> Buggala Jahnvi, Obulreddy Avinash Manas Reddy, Sree Chaitanya Ketharaju, K. Radhika (Chaitanya Bharathi Institute of Technology)
15.35 - 15.45	249	<b>Yoga Pose Alignment and Recognition: An AI-Driven Virtual Assistant</b> Pallapuneedi Bhavya Sree, Pola Vishnu Teja, Lohitha Choudary, Kaneez Fatima (Chaitanya Bharathi Institute of Technology)
15.45 – 15.55	328	<b>Enhancing Skin Cancer Detection with EfficientNet: A Scalable and Interpretable Approach</b> Panduraju Pagidimalla, Mahima Isukapatla, Poojitha Uppala B, (Chaitanya Bharathi Institute of Technology)
15.55 - 16.05	265	<b>Reducing Intermediary Dependency in Agricultural Markets through a Direct Mobile Application for Farmers and Buyers</b> Lokesh Ram Chand Bazaru, Lakshmi Sai Yeshwanth Sunkara, Krithik Sriharsha Amam, Pavan Kumar Pagadala, Chanda Raj Kumar (Koneru Lakshmaiah Education Foundation)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	Data Science
Parallel Session	2A
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	AI & DS Lab-1, First Floor, Department of AI & DS Block
Chairs	Dr. C Kishor Kumar Reddy, Stanley College of Engineering and Technology for Women, Hyd Nitul Dutta, Dept of AI & DS, CBIT, Hyd
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=mf8297831030359548557abcade46d07c">https://cbithyd.webex.com/cbithyd/j.php?MTID=mf8297831030359548557abcade46d07c</a>

Time	Paper ID	Paper Title and Authors
09.30 - 09.40	154	<b>A Survey For Query Based Video Segment Retrieval Using Knowledge Graphs</b> *Khizar Mohamed Zubair Sait, Rimsha Fatima, Goutham Kolla, R. Madana Mohana (Chaitanya Bharathi Institute of Technology)
09.40 - 09.50	308	<b>A Novel Cryptographic Scheme for Forward-Secure Data Sharing and User Authentication in cloud</b> P Raja Sekhar Reddy *(Anurag University, Hyderabad), Pulipati Srilatha (Chaitanya Bharathi Institute of Technology)
09.50 - 10.00	306	<b>Product Combo Identification</b> Durga Sreelaasya Vemula*, Pradyumna Raju Birudaraju, and Likhita Golukonda (Chaitanya Bharathi Institute of Technology, Hyderabad)
10.00 – 10.10	322	<b>Harnessing Big Data and Machine Learning for Accurate Prediction of Heart Attacks: From Data Processing to Real-Time Analytics</b> Haritha Tummala and M Kavitha (Department of CSE, Koneru Lakshmaiah Education Foundation, Vaddeswaram, A.P)
10.10 – 10.20	292	<b>Utilizing The Convolutional Neural Networks For Identifying Apple Diseases From Leaf Images</b> Enishetty Sindhuja, B.Indira (Chaitanya Bharathi Institute of Technology, Hyderabad)
10.20 – 10.30	294	<b>Immersive Learning Platform using WebXR</b> Kuldeep Vayadande (Vishwakarma Institute of Technology, Pune)
10:30- 10:40	305	<b>Optimizing Sales Predictions in Superstore Retail: A Comparative Study of ARIMA and TBATS Models</b> *Akhil Kambhatla, Sai Shashank Anchuri, Jayanth Madhav, Satya Kiranmai Tadepalli, Shobarani Salvadi (Chaitanya Bharathi Institute of Technology, Hyderabad)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	AIML
Parallel Session	2B
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	AIML Lab-1, Ground Floor, Block- A
Chairs	G. Ramesh, Professor in CSE, GRIET-Hyderabad
Link (if online)	<a href="https://meet.google.com/vgx-sccx-rsk">https://meet.google.com/vgx-sccx-rsk</a>

Time	Paper ID	Paper Title and Authors
09.30 - 09.40	175	<b>Image Colorization Approaches</b> Prabhakar Kandukuri, Harini Margam, and Varshita Pokala (Chaitanya Bharathi Institute of Technology, Hyderabad)
09.40 - 09.50	281	<b>Deep Transfer Learning Based Parkinson's Disease Detection Using Optimized Feature Selection</b> R.Tamilkodi, A.Harika, E.Chandu, K.B.L Alekhya, J.Surendra Raju, K.Tanusha (Godavari Institute of Engineering and Technology)
09.50 - 10.00	276	<b>Deep learning solutions for early detection of cervical cancer: Architectures and open questions End</b> R.Tamilkodi, Shrija Madhu, P.Satya Subrahmanyeswara Sai, K.Deepesh, B.Mithin Teja, T.Durga Manikanta (Godavari Institute of Engineering and Technology)
10.00 – 10.10	463	<b>Video Content Retrieval System using ResNet50 and FPN based on queries</b> K. Joshika, G. Vanitha, and K. Prudhvi Kumar (Chaitanya Bharathi Institute of Technology, Hyderabad)
10.10 – 10.20	442	<b>A Comparative Analysis of Breast Cancer Classification Techniques</b> S. Rakesh, K.Gangadhra Rao, M.Venu Gopalachari, Peesala Balakrishna, Nakkapothula Vasanth, Katkuri Sai Kiran, (Chaitanya Bharathi Institute of Technology, Hyderabad)
10.20 – 10.30	89	<b>Nature Inspired Federated Learning for Green Space Health Monitoring in Smart City</b> Sushil Krishnan, Adhip Koshy, Shriya Rudhraganesh, Vedansh Keshari and Iyappan Perumal (Vellore Institute of Technology)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	INNOVATION AND COMPUTING
Parallel Session	2C
Time and Date	09.30 – 11.30 Hrs. and 14 <sup>th</sup> December 2024
Venue	Online
Chairs	G. Kiran Kumar
Link (if online)	<a href="https://meet.google.com/vgx-sccx-rsk">https://meet.google.com/vgx-sccx-rsk</a>

Time	Paper ID	Paper Title and Authors
09.30 - 09.40	297	<b>Steganography Detection in Encrypted Image Files: A Hybrid Approach with StegHide and GPG</b> Kabilash K N (Kalasalingam Academy of Research and Education)
09.40 - 09.50	167	<b>A Comprehension On Ethical Hacking: Tools, Books, And Websites</b> Anne Supriya, Bhavya Shree Gadda, Gudem Shruthika *, Ranga Rishitha, T A J Sri Sarayu, Puvulla Kiranmaie, M Venu Gopalachari (Chaitanya Bharathi Institute of Technology, Hyderabad)
09.50 - 10.00	123	<b>Enhancing Security And Privacy In Electronic Health Records With Ethereum Blockchain</b> Rathna Teja Chidrala *, Haridharshan Meloju (Chaitanya Bharathi Institute of Technology, Hyderabad)
10.00 – 10.10	430	<b>A Review On Automated License Plate Recognition Using Deep Learning</b> Gudem Shruthika *, Thavidiseti A J Sri Sarayu, Lingala Poojitha, Puvulla Kiranmaie, M Venu Gopalachari (Chaitanya Bharathi Institute of Technology, Hyderabad)
10.10 – 10.20	344	<b>Visual Analytics of Micro Learning Videos with Cognitive Computing</b> Mandala Pravallika *, Chalamalasetti Sai Varsha, Koralla Sainath (Institute of Aeronautical Engineering)
10.20 – 10.30	482	<b>Develops a Deep Convolutional Neural Networks (Alexnet) Methodology for Accurately Detecting and Classifying Breast Cancer</b> Praveen Kumar Kalangi *, Sammulal Porika (Jawaharlal Nehru Technological University)
10:30 - 10:40	235	<b>Efficient Techniques for Solving 2nd Order Differential Equations - An Exploration of Multistep and Variational Iteration Methods</b> Swapna ch, C. Balarama Krishna*, T. Kiran Kumar, (SR University, Warangal, Telangana, India)
10.40 - 10.50	358	<b>A Review on Risk Assessment for Cloud Computing Security Risk Evaluation</b> N.Sujata Kumari and Naresh Vurukonda (Koneru Lakshmaiah Education Foundation)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	COMPUTER APPLICATIONS
Parallel Session	2D
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	MCA Lab-1, Second Floor, Department of MCA, B - Block
Chairs	D.L.S Reddy
Link (if online)	<a href="https://meet.google.com/vgx-sccx-rsk">https://meet.google.com/vgx-sccx-rsk</a>

Time	Paper ID	Paper Title and Authors
09.30 - 09.40	2	<b>Detection of Stress in Humans by Analyzing Sleep Patterns using Random Forest Classifier</b> Maimona Humaira, M. Ramchander, (Chaitanya Bharathi Institute of Technology, Hyderabad)
09.40 - 09.50	207	<b>Utilizing The Convolutional Neural Networks For Identifying Apple Diseases From Leaf Images</b> Enishetty Sindhuja, Dr B.Indira , (Chaitanya Bharathi Institute of Technology, Hyderabad)
09.50 - 10.00	122	<b>Detection Of Multiple Retinal Diseases Using CNN</b> Arikontham Sree Sanjana, B.Indira, (Chaitanya Bharathi Institute of Technology, Hyderabad)
10.00 – 10.10	152	<b>Enhancing Accuracy Of Landing Scene Recognition For Drones Using Random Forest</b> Veeragoni Alekhya, M. RamChander, (Chaitanya Bharathi Institute of Technology, Hyderabad)



Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	Data Science
Parallel Session	2E
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	AI & DS Lab-2, First Floor, Department of AI & DS Block
Chairs	Deeban Chakravarthy V, SRM University, Chennai and Srinivasarao Madala, Department of AI & DS, CBIT, HYD
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=mfe243d29a1a997711c54cb741b1574ba">https://cbithyd.webex.com/cbithyd/j.php?MTID=mfe243d29a1a997711c54cb741b1574ba</a>

Time	Paper ID	Paper Title and Authors
09.30 - 09.40	20	<b>Detection of fake profiles on social media platforms using Machine Learning</b> Naini Bhavana, P Krishna Prasad Department of MCA, Chaitanya Bharathi Institute of Technology (A)
09.40 - 09.50	67	<b>Identification of Flame and Smoke with ODConvBS –YOLOv5s</b> P. Krishna Prasad, Podduturi Nikitha, Chaitanya Bharathi Institute of Technology (A).
09.50 - 10.00	21	<b>Transformative Wavelet Approach For Automated Speech Recognition In Indian Languages</b> Shaik Nasreen Unnisa, B.Srinivasa S P Kumar, Chaitanya Bharathi Institute of Technology (A)
10.00 – 10.10	86	<b>Detection Of Real-Time Malicious Intrusions and Attacks In IoT Empowered Cybersecurity Infrastructures</b> M. Ramchander, Bhavesh Mahawar Chaitanya Bharathi Institute of Technology (A).
10.10 – 10.20	53	<b>Utilization Of Machine Learning And Deep Learning Models For Early Anticipation Of Strokes</b> Kasanagottu Raghu Teja, P. Krishna Prasad, Chaitanya Bharathi Institute of Technology (A).
10.20 – 10.30	151	<b>Job Application Portal (Jap) Using Clicks Not Code</b> A. Naga Vasavi Dedeepya, P. Venkata Krishna, P. Anusha, Godavari Institute of Engineering & Technology (A)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	AIML
Parallel Session	2F
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	AIML Lab-1, Ground Floor, Block- A
Chairs	R. Ravinder Reddy, Professor in CSE, CBIT-Hyderabad
Link (if online)	<a href="https://meet.google.com/vgx-sccx-rsk">https://meet.google.com/vgx-sccx-rsk</a>

Time	Paper ID	Paper Title and Authors
09.30 - 09.40	342	<b>Explainable and Localised Crop Recommendation System using XAI and Kriging Spatial Interpolation</b> Smt. G. Shanmukhi Rama, Juveria Asma (Chaitanya Bharathi Institute of Technology, Hyderabad)
09.40 - 09.50	227	<b>Study on Various Techniques of Video Lip Reading Using Deep Learning</b> Ramya Thavva, Ali Hasan, Sadwale Shivaji (Chaitanya Bharathi Institute of Technology, Hyderabad)
09.50 - 10.00	409	<b>Customer Segmentation in E-Commerce: A Machine Learning and Deep Learning-Enhanced Approach</b> Lokeswar Reddy. K, Sai Prasanth. V, Sainath Reddy. B (Annamacharya Institute of Technology and Sciences)
10.00 – 10.20	410	<b>Predicting Online or Offline Mode Learning for Education Institutes using Machine Learning</b> Surekha.S, Thrisha. M, Lavanya Reddy.V (Annamacharya Institute of Technology and Sciences)
10.20 – 10.30	421	<b>A Hybrid Model for Quality-Based Web Service Classification Using Semi-Supervised Learning</b> C.V.Lakshmi Narayana ,Pavan Kumar.J, Hema Sai Reddy.A, Muralidhar.G ,Shakeel.B ,Mohammed Farooq.S (Annamacharya Institute of Technology and Sciences)
10.30 – 10.40	355	<b>Multi Disease Classification of Retinal images using Transformers</b> Pilla Triveni, Nayudu Mounika, G. Kiran Kumar, M. Anila, S. China Ramu (Chaitanya Bharathi Institute of Technology)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	INNOVATION AND COMPUTING
Parallel Session	2G
Time and Date	09.30 – 11.00 Hrs and 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Munish Kumar, Department of Computer Science and Engineering, Koneru Lakshmaiah Education Foundation, Green Fields, Vaddeswaram, A.P
Link (if online)	<a href="https://meet.google.com/vgx-sccx-rsk">https://meet.google.com/vgx-sccx-rsk</a>

Time	Paper ID	Paper Title and Authors
09.30 - 09.40	488	<b>Deep Learning-Based Fault Detection Systems for Industrial IoT Applications</b> Komal Agrawal (Presidency University, Bengaluru), Abhijeet Bajaj (Columbia University, Maharashtra), Milavkumar Shah (University of Texas at Dallas), Satish Krishnamurthy (Anna university, Chennai), Hari Gupta (University of Southern California, Los Angeles)
09.40 - 09.50	489	<b>A Hybrid Machine Learning Framework for Predictive Maintenance in Smart Manufacturing</b> Rajesh Tirupathi, (Liverpool John Moores University, United Kingdom), Mandeep (Sharda University, Greater Noida), Bhageerath Bogi (University of Florida, United States), Venkatadri Marella (International Technological University, USA), Sunil Gudavalli (Jawaharlal Nehru Technological University, Hyderabad), Punit Goel (Maharaja Agrasen Himalayan Garhwal University, Uttarakhand)
09.50 - 10.00	490	<b>IoT-Enabled Condition Monitoring and Fault Analysis for Rotating Machinery</b> Akshay Gaikwad (Rochester Institute of Technology, US), Chinmay Pingulkar, Rupesh Kumar Misra (SR University, Warangal), Prince Tyagi (A.P.J. Abdul Kalam Technical University, Uttar Pradesh), Rajesh Ojha (Rajiv Gandhi Proudhyogiki Vishwavidyalaya ,MP), Punit Goel (Maharaja Agrasen Himalayan Garhwal University, Uttarakhand)
10.00 – 10.10	491	<b>Optimization of Mechanical Processes Through AI-Driven Predictive Analytics</b> Ashish Kumar (Tufts University, United States), Srinivasulu Harshavardhan Kendyala (University of Illinois Springfield, USA), Sivaprasad Nadukuru, (Andhra University), Ankita Tiwari, (Koneru Lakshmaiah Education Foundation) Nalini Nadarajah (California State University, USA), Om Goel (Abes Engineering College, Ghaziabad)
10.10 – 10.20	492	<b>Real-Time Fault Detection in Mechanical Systems Using Edge Computing and IoT</b> Om Goel (Abes Engineering College, Ghaziabad), Balaji Govindarajan, (University Of Madras, Chennai), Mahaveer Siddagoni Bikshapathi (The University of Texas at Tyler, USA, Sudharsan Vaidhun, Bhaskar

		(University of Central Florida, USA), Hina Gandhi (Northeastern University, USA), Satendra Pal Singh (Gurukul Kangri University, Haridwar, Uttarakhand)
10.20 – 10.30	494	<b>AI-Enhanced Monitoring for Intelligent Manufacturing System</b> Saurabh Ashwini kumar Dave (Saurashtra University, Gujarat), Priyank Mohan (Seattle University, USA), Hemant Singh Sengar (Shri Vaishnav Institute of Technology and Science, Indore), Nusrat Shaheen (Western Govern University, UT), Sangeet Vashishtha (IIMT University, Meerut), Kamaljeet Singh (Galgotias University, Greater Noida)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	COMPUTER APPLICATIONS
Parallel Session	3A
Time and Date	11.15 – 12.45 Hrs. and 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Indira
Link (if online)	<a href="https://meet.google.com/vgx-sccx-rsk">https://meet.google.com/vgx-sccx-rsk</a>

Time	Paper ID	Paper Title and Authors
11.15 - 11.25	120	<b>Enhancing Food Demand Supply Chain Modeling Through Regressor Analysis</b> P. Nagarjuna, M. Ramchander (Chaitanya Bharathi Institute of Technology, Hyderabad)
11.25 - 11.35	119	<b>Utilizing A Deep Learning Ensemble Approach With Data Resampling For Detecting Credit Card Frauds</b> M. Ramchander, Mattipelly Sandeep (Chaitanya Bharathi Institute of Technology, Hyderabad)
11:35 - 11:45	9	<b>Phishcatcher: A Client-Side Defense Mechanism Against Web Spoofing Attacks</b> B. Srinivasa S P Kumar, Rongali Sai Zanitha Sree (Chaitanya Bharathi Institute of Technology, Hyderabad)
11.45 – 11.55	298	<b>Identifying Students Performance At Risk And Minimizing Failure Using Machine Learning</b> B. Indira, Jalla Keerthi (Chaitanya Bharathi Institute of Technology, Hyderabad)
11.55 – 12.05	68	<b>Advancing Knee Osteoarthritis Diagnosis: Centernet Optimization With Pixel-Wise Voting</b> G.N.R Prasad, Soma Vamshi, P.Rambabu (Chaitanya Bharathi Institute of Technology, Hyderabad)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	Security and Networking
Parallel Session	3B
Time and Date	11.15 – 12.45 Hrs. and 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Samarth Shah, Khushmeet Singh
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=me2d3f22b5269d293391bdb71a1a33140">https://cbithyd.webex.com/cbithyd/j.php?MTID=me2d3f22b5269d293391bdb71a1a33140</a>

Time	Paper ID	Paper Title and Authors
11.15 - 11.25	501	<b>IoT-Based Data Acquisition and Machine Learning for Process Optimization</b> Jay Bhatt (Northeastern University, Boston, USA), Akash Balaji Mali (State University of New York, USA), Arun Mulka (Kakatiya University, Warangal, Telangana), Ankita Tiwari (Koneru Lakshmaiah Education Foundation), Kumaresan Durvas Jayaraman (Bharathidasan University, Tiruchirappalli, Tamil Nadu), Shalu Jain (Maharaja Agrasen Himalayan Garhwal University, Uttarakhand)
11.25 - 11.35	503	<b>Cloud-Based Fault Monitoring Systems for Mechanical Components</b> Rohan Viswanatha Prasad (Visvesvaraya Technological University, Belagavi, Karnataka), Smita Raghavendra Bhat (University of Southern California, Los Angeles, USA), Sanyasi Sarat Satya Sukumar Bisetty (University of Madras, Chennai, Tamil Nadu), Hrishikesh Rajesh Mane (The State University of New York, USA), Deepika Ghai (Lovely Professional University, Punjab)
11.35 - 11.45	505	<b>Real-Time Fault Classification Using Transfer Learning in IoT Environments</b> Abhishek Das (Texas A&M University, USA), Krishna Prasath Sivaraj (The University of Toledo, USA), Siddharth Choudhary Rajesh (New York University, USA), Vamsee Krishna Ravi (International Technological University, USA), Lagan Goel (AKG International), Poonam Sharma (Institute of Law, Kurukshetra University)
11.45 – 11.55	506	<b>Predictive Maintenance Framework for Smart Manufacturing Systems</b> Sandeep Kumar (SR University, Warangal), Narrain Prithvi Dharuman, (National Institute of Technology, Trichy), Ankit Kumar Gupta (Uttar Pradesh Technical University, Lucknow), Viswanadha Pratap Kondoju (University of Texas, Dallas, USA), Hina Gandhi (Northeastern University, Boston, USA), Lalit Kumar (IILM University, Greater Noida)
11.55 - 12.05	508	<b>Energy-Efficient IoT Frameworks for Real-Time Fault Diagnosis</b> Dheeraj Yadav (Maharshi Dayanand University, Rohtak, Haryana), Shilpa Choudhary (Neil Gogte Institute of Technology, Hyderabad),

		Sridhar Jampani (Acharya Nagarjuna University, Guntur, Andhra Pradesh), Venkata Reddy Thummala (Visvesvaraya Technological University, Belgaum Karnataka), Arpit Jain (Koneru Lakshmaiah Education Foundation, Vadeshawaram), Prabhakaran Rajendran (Anna university, Chennai, Tamil Nadu)
12.05 - 12.15	510	<b>IoT-Driven Predictive Maintenance for Renewable Energy Systems</b> Sunny Jaiswal (Western Governor University, USA), Abhijeet Bhardwaj (Maharishi Dayanand University, Rohtak, Haryana), Jayanth Kolli, (Northern Illinois University, USA), Vinay Acharya (University of Texas at Dallas, USA), Rishi Yadav (SLCS, Shobhit Deemed to be University, Meerut (UP)), Singh Raj (Maharaja Agrasen Himalayan Garhwal University, Uttarakhand)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	Applied Mathematics and Quantum Computing
Parallel Session	3C
Time and Date	11.15 – 12.45 Hrs. and 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Phanindra Kumar
Link (if online)	<a href="https://meet.google.com/vgx-sccx-rsk">https://meet.google.com/vgx-sccx-rsk</a>

Time	Paper ID	Paper Title and Authors
11.15 - 11.25	499	<b>Anomaly Detection in Industrial Processes with Explainable AI Techniques</b> Pradeep Jeyachandran (University of Connecticut, United States), Arulselvan Janakiraman (Anna University, Chennai), Avinash Reddy Nandyala (Texas State University, USA), Piyush Bipin kumar Desai, (Vellore Institute of Technology, Tamil Nadu), Avneesh Kumar (Galgotia University, Greater Noida), Poonam Sharma (Kurukshetra University, Kurukshetra)
11.25 - 11.35	502	<b>IoT and Blockchain for Secure Fault Detection in Industrial Applications</b> Varun Garg (University of California, United States), Guruprasad Govindappa Venkatesha (BMS College of Engineering, Karnataka), Ramesh Sirohi (Kurukshetra University, Kurukshetra), Sneha Aravind (University of Maryland, USA), Karthik Venkatesan, Avneesh Kumar, (Galgotia University, Greater Noida)
11.35 - 11.45	507	<b>Explainable AI for Industrial IoT: Applications in Fault Detection</b> Karthikeyan Ramdass (Anna University, Tamil Nadu), Priya Guruprakash Rao (University of Washington, United States), Samarth Shah (University at Albany, United States), Mandeep (Sharda University, Greater Noida), Kumaresan Durvas (Jayaraman Bharathidasan University, Tamil Nadu), Raghav Agarwal
11.45 - 11.55	504	<b>Digital Twin Technology for Predictive Maintenance in industrial Systems</b> Antony Satya Vivek Vardhan Akisetty (Southern New Hampshire University, Manchester, United States), bPrakash Subramani (Madras University, Chennai), Rafa Abdul (Bradley University, United States), Balachandar Ramalingam (University of Iowa, United States), Munish Kumar (Koneru Lakshmaiah Education Foundation, A.P.), Sangeet Vashishtha (IIMT University, Meerut)
11.55- 12.05	509	<b>AI and IoT-Driven Fault Detection in Multi-Stage Manufacturing Systems</b> Swathi Garudasu (Symbiosis Center for Distance Learning, Pune), Afroz Shaik (Cleveland State University, USA), Arun Mulka (Kakatiya University, Telangana), Avinash Reddy Nandyala (Texas State



		University, USA), Abhishek Jain (Uttaranchal University, Dehradun, U.K.), Raghav Agarwal
12.05-12.15	511	<b>A Scalable IoT-Based Framework for Predictive Maintenance</b> Sreeprasad Govindankutty (Rochester Institute of Technology, United States), Siddharth Choudhary Rajesh (New York University, United States), Srinivasan Jayaraman (Maharishi International University, USA), Saurabh Kansal (Uttar Pradesh Technical University, Lucknow), Komal Agrawal (Presidency University, Bengaluru), Singh Raj (Maharaja Agrasen Himalayan Garhwal University, Uttarakhand)

Conference Title	International Conference on Innovative Computing Technologies (ICICT2024)
Track	Security and Networking
Parallel Session	4A
Time and Date	13.30 – 15.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Samarth Shah & Ramu Kuchupudi,CBIT
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=me2d3f22b5269d293391bdb71a1a33140">https://cbithyd.webex.com/cbithyd/j.php?MTID=me2d3f22b5269d293391bdb71a1a33140</a>

Time	Paper ID	Paper Title and Authors
13.30 - 13.40	495	<b>Data Fusion Techniques for Predictive Maintenance Using IoT Sensors</b> Rupesh Kumar Misra (SR University, Warangal, Telangana), Rakesh Jena (Biju Patnaik University of Technology, Rourkela, Odisha); Suraj Dharmapuram (Carnegie Mellon University, Pittsburgh); Nagarjuna Putta (SV University, Tirupathi, Andhra Pradesh), Vaidheyar Raman Balasubramanian (SASTRA Deemed University), Aman Shrivastav (ABESIT College of Engineering, Ghaziabad, UP)
13.40 - 13.50	498	<b>Fault Prognostics in Industrial Equipment Using LSTM Networks</b> Shashank Shekhar Katyayan (Eli Broad College of Business, Michigan State University, United States), Shilpa Choudhary (Neil Gogte Institute of Technology, Hyderabad), Samarth Shah (University at Albany, Washington, United States), Prabhakaran Rajendran (Anna University Chennai), Khushmeet Singh (A.P.J. Abdul Kalam Technical University, Lucknow), Shubhi Gupta (Amity University, Greater Noida).
13.50 - 14.00	493	<b>Big Data Analytics for Industrial IoT Fault Monitoring Systems</b> Arpit Jain (Koneru Lakshmaiah Education Foundation Vadeshawaram, A.P.) Dinesh Nayak Banoth (Cleveland State University, Cleveland, Ohio, US), Rajkumar Kyadasu (Rivier University, Nashua, United States), Hachi Ghanshyam Sayata (Illinois Institute of Technology, Chicago, United States), Sirish Kumar Narra (Osmania University, Hyderabad), S Vikram Singh (Amity University Greater Noida)
14.00 - 14.10	500	<b>Integration of IoT and Deep Learning for Smart Fault Diagnosis</b> Arnab Kar (Duke University, Durham, United States), Nandish Shivaprasad (Missouri University of Science and Technology, United States), Sandeep Kumar (SR University, Warangal), Viswanadha Pratap Kondoju (University of Texas at Dallas, United states), Praveen Kumar Ilamurugan (Pondicherry University, Puducherry), Abhishek Jain (Uttaranchal University, Dehradun)
14.10 - 14.20	496	<b>Machine Learning-Based Energy Consumption Estimation Models for Metal Forming Operations</b> Gokul Subramanian (Pune University, Pune), Arulselvan Janakiraman (Anna university, Chennai), Ankit Kumar Gupta (Uttar Pradesh Technical University, Lucknow), Piyush Bipinkumar Desai (Vellore Institute of

		Technology, Tamil Nadu), S Vikram Singh (Amity University, Greater Noida), Niharika Singh (ABES Engineering College, Ghaziabad)
14.20 - 14.30	497	<b>Fault Prognosis Using Federated Learning in IoT-Connected Machines</b> Ramy Ramachandran (University of Iowa, Iowa , USA), Vardhansinh Yogendrasinh Ravalji (Northeastern University , Boston), Khushmeet Singh (A.P.J. Abdul Kalam Technical University, Lucknow), Shashank Shekhar Katyayan (Eli Broad College of Business, Michigan State University, United States), Lalit Kumar (IILM University, Greater Noida), Munish Kumar (Koneru Lakshmaiah Education Foundation, Vaddeswaram)

**1<sup>st</sup> International Conference on Emerging  
Technologies in Electronics and Communication  
Engineering (ICETE 2024)**

Conference Title	1 <sup>st</sup> International Conference on Emerging Technologies in Electronics and Communication Engineering (ICETE 2024)
Track	II
Parallel Session	1A
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	N-Block Seminar Hall
Chairs	Dr Anil Kumar, Associate Professor, IIIT Hyderabad
Link (if online)	Offline Session

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	ICETE-2024_198	<b>Real-time Embedded Systems and Advanced Machine Learning Analysis for Soldier security</b> Neeraja B, Nikhil A, Sneetha B, Bhavya Sree B, Veerendernath P (Chaitanya Bharathi Institute of Technology, Hyderabad)
15.25 - 15.35	ICETE-2024_211	<b>A novel CNN architecture for COVID-19 prediction using chest X-ray imaging</b> D.Nagadevi, Kunda Suresh Babu, Karra Basheeba Rani, Munigeti Benjmin Jashva, B. Muralidhar Naik (Chaitanya Bharathi Institute of Technology, Hyderabad)
15.35 - 15.45	ICETE-2024_214	<b>Survey: Applications of Quadcopter Drone in Healthcare</b> Chidurala Sindhuja, C. Padmaja, Bujarapu Siri Chandana, N. R. Swetha (G. Narayanamma Institute of Technology and Science, Hyderabad)
15.45 - 15.55	ICETE-2024_226	<b>Revolutionizing Digital Identity: A Comprehensive Review of Blockchain-Based Identity Systems</b> K. Akash Reddy, A. Vani, B. Karthik, Sk.Farzan (Chaitanya Bharathi Institute of Technology, Hyderabad)
15.55 - 16.05	ICETE-2024_237	<b>Case Study on Yield Prediction Using Machine Learning Techniques in Telangana Regions</b> Dr Merlin Linda G, Ms Malini Bandi, Ms Anusha Ramiseti, Ms Vennala Vadde, Dr. Sudheer Reddy Bandi, Mr Nagarjuna Chary (Swarna Bharathi Institute of Science and Technology, Hyderabad)
16.05 - 16.15	ICETE-2024_240	<b>Implementation of a Deep Neural Network for Classifying Images of Brain Tumors</b> Satyavati Jaga, K. Rama Devi (Chaitanya Bharathi Institute of Technology, Hyderabad)
16.15 - 16.25	ICETE-2024_246	<b>A Review on AI Powered Chronic Kidney Stone and Tumor Detection Using Image Processing</b> Ashesha, Madhurita, Sandeep, S. Siva Priyanka (Chaitanya Bharathi Institute of Technology, Hyderabad)
16.25 - 16.35	ICETE-2024_234	<b>A Study on Pyramidal Horn Antennas: Achieving Broader Beamwidth While Maintaining Gain in Space Environments</b> T. Aravinda Babu, B. Neeraja (Chaitanya Bharathi Institute of Technology, Hyderabad)

16.35 - 16.45	ICETE- 2024_243	<b>Design of a 1.8 Volts VDD Low-Power Two-Stage Operational Amplifier with programmable Compensation in 0.18<math>\mu</math>m SCL Technology</b> Syed Mohammed Ali, Mohd Ziauddin Jahangir , Krishna Kumar Alenoor (Chaitanya Bharathi Institute of Technology, Hyderabad)
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Conference Title	1st International Conference on Emerging Technologies in Electronics and Communication Engineering (ICETE 2024)
Track	II
Parallel Session	1B
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	N-Block Seminar Hall
Chairs	Dr. Narendra Kumar Garg, Associate Prof, Dept of ECE, Amity University, ECE, Gwalior, INDIA
Link (if online)	<a href="https://meet.google.com/kie-sgnf-cfy">https://meet.google.com/kie-sgnf-cfy</a>

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	ICETE-2024_159	<b>Machine Learning Models for Crop Management and Disease Detection</b> Ashaq Hussain Bhat, Hashmat Fida, Arshid Ahmad Wani, Arun Kumar Singh (Chandigarh University Haryana, India)
15.25 - 15.35	ICETE-2024_257	<b>Optimizing Soil Moisture Prediction and Crop Yield Enhancement for Medicinal Plants Using Convolutional Neural Networks in Precision Agriculture</b> M. Nagabhushana Rao, Satya Prasad Donatamsetti (Vishnu Institute of Tech. Bhimavaram, AP, India)
15.35 - 15.45	ICETE-2024_232	<b>A Study on Contactless Health Monitoring System Using Deep Learning Models</b> V G V P Mithrama, M Sruthi, R Saketh, K. Swathi, T Satyanarayan Murthy, A Sirisha (Chaitanya Bharati Institute of Technology (A), HYD)
15.45 - 15.55	ICETE-2024_209	<b>A Novel Quad-Valued Logic Cell for Multibit Storage Efficiency and Density Using QLC Advanced Flash memory Technology</b> M. Mani Kumari, K. Aishwarya (GVP College of Engineering for women Visakhapatnam)
15.55 - 16.05	CETE-2024_155	<b>Automated Detection and Classification of Rice Disease using Deep Learning</b> Jagpreet Singh, Manan Dhawan, Hasmat Fida (Chandigarh University Haryana, India)
16.05 - 16.15	ICETE-2024_103	<b>AI-Assisted Diagnostic Approaches for Early Detection Of Pancreatic Ductal Adenocarcinoma</b> Sijithra PC, Dr. N. Santhi, Dr. N. Ramasami (Research Scholar, Department of Electronics and Communication Engineering, Noorul Islam Centre for Higher Education, Kumaracoil, Tamil Nadu, India)
16.15 - 16.25	ICETE-2024_107	<b>Machine Learning Based Approaches for Predicting Child Mortality</b> Datla Rajitha, Pavani Vemulapati, Rohit Penki, Jyothi Kumari Thota (Department of ECE , CEC, Vizag, MRCL, Bhogapuram)
16.25 - 16.35	CETE-2024_119	<b>FutureGuard: Leveraging CNNs For Advanced Pandemic Diseases Diagnosis</b> Deepak Singh, Prashant Kumar Singh, Shivam Hans, Hasmat Fida (Chandigarh University Haryana, India)

16.35 - 16.45	ICETE- 2024_122	<b>MindAssist: AI-Driven Mental Health Solutions Through Chatbots</b> Aaditya Sharma, Divyansh Bhargav, Deeksha Sonal (Chandigarh University Haryana, India)
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Conference Title	1 <sup>st</sup> International Conference on Emerging Technologies in Electronics and Communication Engineering (ICETE 2024)
Track	II
Parallel Session	2A
Time and Date	09.30 – 11.00 Hrs. and 14th December 2024
Venue	N Block Seminar Hall
Chairs	Prof Kameswara Musti, Associate Professor, Namibia University of Science and Technology, South Africa
Link (if online)	Offline Session

Time	Paper ID	Paper Title and Authors
9.30 - 9.40	ICETE-2024_238	<b>A Review on Deep Learning Techniques and Models to Predict Alzheimer's Diseases</b> Ravi Teja Salendra, Rahul Pavan Gadidasu, Vishwadha Reddy Budidha (Chaitanya Bharathi Institute of Technology, Hyderabad)
9.40 - 9.50	ICETE-2024_180	<b>Heart Rate Monitoring with Electrocardiogram Visualization through IOT</b> L Susmitha, K Venkata Siva Reddy, G Sriyavardhini, H Dharani (Ravindra College of Engineering for Women)
9.50 - 10.00	ICETE-2024_204	<b>A Review on OCT-Based Retinal Fluid Segmentation Using Deep Learning Techniques</b> Mohammed Amaan, Vempaty Prashanthi, Keerthan Sai Goud, Mohammed Adnan Siddiqui (Department of Information Technology, Chaitanya Bharathi Institute of Technology)
10.00 - 10.10	ICETE-2024_205	<b>An Explanatory Study of Geo-location Information for Accommodation</b> K. Mohanaleela, J. Sridevi M. Jayasree (VJIT)
10.10 - 10.20	ICETE-2024_210	<b>Doppler Collision Prediction Using MI Techniques For Navic System</b> Siri Paramesh, Aalia Farhat , Shazia Syed , A. Vani, P. Sathish
10.20 - 10.30	ICETE-2024_215	<b>A Survey of Methods for Telugu Speech-to-Indian Sign Language Conversion Using NLP</b> Gangula Sai Krishna, Ravula Shruthik, Cheere Shashank, Dr. N. Rama Devi, T Satyanarayana Murthy, A Sirisha (Department of Information Technology, Chaitanya Bharathi Institute of Technology)
10.30 - 10.40	ICETE-2024_231	<b>Leveraging ML based Performance Analysis in V2V Communications using IEEE 802.11p</b> Vinodh Kumar Minchula, Mrs. Krishnaveni T, Dr. A Supraja Reddy, Sharathchand Kodam (Department of Electronics and Communication Engineering Chaitanya Bharathi Institute of Technology, Hyderabad)
10.40 - 10.50	ICETE-2024_241	<b>Review On Machine Learning And Deep Learning Techniques In Skin Lesions Image Classification</b> Venkata Sireesha M, Linganaboyina Anu (Chaitanya Bharati Institute of Technology (A), Hyderabad, Telangana)

10.50 - 11.00	ICETE- 2024_218	<b>Generative Medical Visual Question Answering System for Radiology Images</b> B. Sai Venkat Vardhan, B. Veera Jyothi, Kavali Manish, Raj Kumar Reddy (Chaitanya Bharati Institute of Technology (A), Hyderabad, Telangana)
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Conference Title	1 <sup>st</sup> International Conference on Emerging Technologies in Electronics and Communication Engineering (ICETE 2024)
Track	II
Parallel Session	2B
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Dr. Ciro Rodriguez <a href="mailto:crodriguezro@unmsm.edu.pe">crodriguezro@unmsm.edu.pe</a> Professor, Universidad Nacional Mayor de San Marcos UNMSM, Peru
Link (if online)	<a href="https://meet.google.com/kie-sgnf-cfy">https://meet.google.com/kie-sgnf-cfy</a>

Time	Paper ID	Paper Title and Authors
09.30 - 09.40	ICETE-2024_235	<b>Developments in IoT-Based Railway Track Fault and Obstacle Detection: A Comprehensive review</b> Vivek P, Vivek Singh Kushwah, Venkateswarlu, Mythri T (Chaitanya Bharathi Institute of Technology, Hyderabad, India)
09.40 - 09.50	ICETE-2024_223	<b>A Review on Enhancing Camouflaged Object Detection with Adaptability and Context</b> Pothuraju Sanjay, Gurram Abhinav, Korra Saiteja, N.Rama Devi, T Satyanarayana Murthy, A Sirisha (Department of Information Technology, Chaitanya Bharathi Institute of Technology)
09.50 - 10.00	ICETE-2024_229	<b>Utilizing Quantum Machine Learning in Healthcare: Exploring the Integration of Quantum Computing for Enhanced Medical Applications</b> Parmar Pratibhaben Ranjitbhai, Rakesh Bhujade (Gujarat Technological University)
10.00 - 10.10	ICETE-2024_230	<b>A Review on Enhanced Breast Cancer Diagnosis through Image Processing and Ensemble Learning Strategies</b> Md Kamran Imaz, Salakapuri Rakesh, Adepu Varun, Reddy Shetty Var Varun (Department of Information Technology, Chaitanya Bharathi Institute of Technology Hyderabad, Telangana, India)
10.10 - 10.20	ICETE-2024_233	<b>Performance Comparison of Image Transmission Using Different Modulation Techniques</b> S. Rekha, Kalyani, Samyuktha, Siddharth (Nalla Narasimha Reddy Educational Society's Group of Institutions, Hyderabad)
10.20 - 10.30	ICETE-2024_256	<b>Optimizing Photovoltaic Efficiency with Wireless Sensor Network Monitoring</b> Katta Deevan Kumar, Dr. Rekha Chakravarthy (Sathyabama Institute of Science and Technology, Chennai)
10.30 - 10.40	ICETE-2024_102	<b>The Design of Sierpinski Carpet Fractal Antenna with Gain and Radiation-Pattern Measurement</b> B. Khaleelu Rehman, Mohammed Abdul Nasar, Midhun Chakkaravarthy (CBIT, Hyderabad)

10.40 - 10.50	ICETE- 2024_106	<b>Design, Analysis and Optimization of Conical Horn antenna using Artificial intelligence for 5G Application</b> Rahul Koshti (SVKM's NMIMS, School of Technology Management & Engineering, Hyderabad), Vivek Singh Kushwah (CBIT, Hyderabad)
10.50 - 11.00	ICETE- 2024_177	<b>Joint Symbol Spreading and Exponential Transform for PAPR Reduction in OTFS Signals</b> Aare Gopal, Dr D. Krishna Reddy (Osmania University, Department of ECE, Hyderabad, CBIT, Hyderabad)
11.00 – 11.10	ICETE- 2024_208	<b>Enhanced Lung Cancer Detection Using Random Forest and XGBoost and Hybrid Model</b> K. Vijaya Lakshmi, G. Srihari, G. Anitha Rani, Anirudh, Varun (KSRMCE, Kadapa)

Conference Title	1 <sup>st</sup> International Conference on Emerging Technologies in Electronics and Communication Engineering (ICETE 2024)
Track	I
Parallel Session	3A
Time and Date	11.15 – 12.45 Hrs. and 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Dr. Ashish Bagwari, HoD ECE, WIT, Uttarakhand Technical University (Government Technical University), Dehradun, India
Link (if online)	<a href="https://meet.google.com/cpc-wyva-cbv">https://meet.google.com/cpc-wyva-cbv</a>

Time	Paper ID	Paper Title and Authors
11.15 - 11.25	ICETE-2024_114	<b>Torrenting vs Traditional Content Distribution Efficiency</b> Virender Nath, Kaamil Savla, Ayush Srivastava, Naresh Kumar, Saumya Srivastava, Hashmat Fida (Chandigarh University)
11.25 - 11.35	ICETE-2024_130	<b>AI powered sign language to speech synthesis with robotic avatar</b> Sanampreet Singh, Hashmat Fida (Chandigarh University)
11.35 - 11.45	ICETE-2024_132	<b>Sign Sense: A Deep Learning Approach to Sign Language Translation for Inclusive Communication</b> Akash Kumar Maurya, Abhinav Kumar, Abhishek Kumar, Hashmat Fida (Chandigarh University)
11.45 - 11.55	ICETE-2024_144	<b>Enhanced Driver Safety with Support Vector Machine Drowsiness Detection Techniques</b> Karna Vishnu Vardhana Reddy, Palaka Umamaheswara Rao, Kottu Eswar Chaitanya, T. Aravinda babu, G. Mallikharjuna Rao (Aditya University, Surampalem)
11.55 - 12.05	ICETE-2024_206	<b>Dynamic Noise Scale Adjustment in Privacy-Preserving Federated Learning Using the Gaussian Mechanism for Enhanced Privacy-Utility Trade-off</b> Kattinti Mahesh Babu, R V S E Srihitha (Ravindra College of Engineering for Women (Autonomous))
12.05 - 12.15	ICETE-2024_219	<b>Secured Emergency Healthcare Monitoring System Using LI-FI</b> Jeya Vaarshini. S, Jothy. N, Kavitha. P, Lekhasri. M, Madhushree. K (SRM Valliammai Engineering College)
12.15 - 12.25	ICETE-2024_220	<b>A Comprehensive Bidirectional LSTM Framework for precise Malware Detection and Identification</b> Pragati Priyadarshinee, S Bhagya Sree, Trisha Prashar, Rishab Chib (Chaitanya Bharathi Institute of Technology(A))
12.25 - 12.35	ICETE-2024_222	<b>AI-Driven Content Generation for Text - to - Video</b> Poleboina Divya, Vempaty Prashanthi, Kalakoti Laxmi Prasanna, Mandla Parvathi Priya (Chaitanya Bharathi Institute of Technology, Hyderabad)
12.35 - 12.45	ICETE-2024_194	<b>Engineering Molecular Solutions for Immune Dysregulation: A Systematic Literature Review</b> Ms R Sahana, Dr Sharmila Shankar (BS Abdur Rahman Crescent Institute of Science and Technology)

12.45 - 12.55	ICETE- 2024_187	<b>AI-Powered Suicidal Ideation Detection From Social Media Content :A Comparative Model Analysis</b> Maya Gharat, Manivel Kandasamy (Research Scholar, Unitedworld Institute of Technology, Karnavati University, Gandhinagar, Gujarat, BS Abdur Rahman Crescent Institute of Science and Technology)
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Conference Title	1st International Conference on Emerging Technologies in Electronics and Communication Engineering (ICETE 2024)
Track	III
Parallel Session	3B
Time and Date	11.15 – 13.30 Hrs. and 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Prof. U S N Raju PhD, Associate Professor, Department of Computer Science and Engineering, NIT Warangal
Link (if online)	<a href="https://meet.google.com/ctm-jcjs-otb">https://meet.google.com/ctm-jcjs-otb</a>

Time	Paper ID	Paper Title and Authors
11.15 - 11.25	ICETE-2024_133	<b>CU Shop: Enabling Seamless Access to Local Goods for Chandigarh University Students through an Integrated E-Commerce Application</b> Roshan Kumar Singh, Rishikant Singh, Hashmat Fida (Chandigarh University)
11.25 - 11.35	ICETE-2024_171	<b>Real-Time Evaluation of Relative Positioning With GPS-Only ,Navic-Only And Combination of GPS And Navic Measurements In A Zero-Baseline Configuration</b> Goli Suresh Kumar, D Krishna Reddy (Research Scholar, Department of ECE, CBIT, Hyderabad, Telangana, INDIA)
11.35 - 11.45	ICETE-2024_182	<b>Comparative Performance Analysis of Machine Learning Algorithms for Detecting Specific Pollutants in Air</b> Madhusudhana Reddy Barusu, Narala Pravallika, Mekala Teja Sree, Mangali Sravani (Ravindra College of Engineering for Women, Kurnool)
11.45 - 11.55	ICETE-2024_183	<b>Smart Farming with an Intelligent Pesticide and Fertilizer Recommendation System Based on TPF-CNN</b> Madhusudhana Reddy Barusu, Syed Asma, Shaik Neelofar, M Sidra Aiman (Ravindra College of Engineering for Women, Kurnool)
11.55 - 12.05	ICETE-2024_196	<b>Evaluating the Impact of Machine Learning on Employment Rates and Economic Growth – A Review</b> Angel Anbu Samuel, Allekonda Dolly Diana (Karunya School of Management, Karunya Institute of Technology and Sciences)
12.05 - 12.15	ICETE-2024_201	<b>Cloud based Integrated air and water quality monitoring system</b> Boomiha S, Y Adline Jancy, Abinaya S, Dharshini C, Prajith K (Sri Ramakrishna engineering College)
12.15 - 12.25	ICETE-2024_236	<b>Gesture-Controlled Smart Home Interface With Real-Time Hand Tracking</b> Hema Domala, Gullaiahgari Balakrishna Goud, Sainoj Rithin (Department of Electronics and Communication Nalla Narasimha Reddy Education Society's Group of Institutions)

12.25 - 12.35	ICETE- 2024_254	<b>Two Stage Multisensor Fusion For Context Driven Object Detection</b> Sai Venkata Lakshmi A, Dr. Suryakanth V Gangashetty (Koneru Lakshmaiah Educational Foundation)
12.35 - 12.45	ICETE- 2024_258	<b>Integrating AI and Cobots: Bridging Human and Machine Collaboration in Industry 5.0</b> Dr. M Nagabhushana Rao, Karimunnisa.shaik, Ramesh Babu. Pittala, Dr Venkata Naga Siva Kumar Challa, Ankur Singh Bist (Department of Computer Science and Engineering, Marri Laxman Reddy Institute of Technology and Management, Medchal , Hyderabad)
12.45 - 12.55	ICETE- 2024_167	<b>Harnessing ESP32 for Intelligent Home Automation</b> R. Sneha Sherin, A. Jenifer; V. Buvaneshwari; S. Sulochana



Conference Title	1 <sup>st</sup> International Conference on Emerging Technologies in Electronics and Communication Engineering (ICETE 2024)
Track	I
Parallel Session	3C
Time and Date	11.15 – 12.45 Hrs. and 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Dr Kapil Jain, Professor, ITM University, MP
Link (if online)	<a href="https://meet.google.com/kie-sgnf-cfy">https://meet.google.com/kie-sgnf-cfy</a>

Time	Paper ID	Paper Title and Authors
11.15 - 11.25	ICETE-2024_181	<b>Intelligent Monitoring of Underground Cable Faults: An IoT-GPS-GSM Solution for Urban Infrastructure</b> K. MadhuLatha, K. Venkata Siva Reddy, B. Swathi, V. Pallavi (Ravindra College of Engineering for Women)
11.25 - 11.35	CETE-2024_195	<b>Design and Implementation of Gradient-Based Optimization Technique for VCO in 90nm Technology</b> P. Anuradha, S. Bhodhitha Sree (CBIT, Hyderabad)
11.35 - 11.45	ICETE-2024_207	<b>A Particle Swarm Optimization based Secure Routing using MQQ Algorithm in Wireless Sensor Networks</b> Y. Adline Jancy, B. Gomathy, S. Sharmila Devi, K. Sebasthirani (Sri Ramakrishna Engineering College)
11.45 - 11.55	ICETE-2024_213	<b>Design of A Slotted Circular-Shaped 2 X 2 Mimo Patch Antennae for 5G Communication</b> G Shine Let, Mishaa Manikandan M, G Shine Let, S Radha, S Rekha (Karunya Institute of Technology and Sciences, Coimbatore, India)
11.55 - 12.05	ICETE-2024_224	<b>Design and Analysis of a 4x4 Planar Array Antenna for 5G Wireless Communication</b> Rethina Pradhamesh R, Rogini E, Ranjini D, Rithika R, Ramesh S (SRM Valliammai Engineering College)
12.05 - 12.15	ICETE-2024_255	<b>Designing and Analysis of 2:1 Waveguide Power Combiner for Ku-Band Using MCMT Technique</b> Manish Mahajan, D. K. Panda (Medi-Caps University, Indore, MP)
12.15 - 12.25	ICETE-2024_101	<b>Drowsiness Alert System using OpenCV</b> Dr A Sai Suneel, S V Sudheer Kumar, T Nirmala, K Suseela, Dr V Raja Rajeswari (Sri Padmavati Mahila Visvavidyalayam, Tirupati, India. )
12.25 - 12.35	ICETE-2024_105	<b>Deep Learning For Handwriting Recognition</b> Kamini Sakrodiya, Dr Sanjay Kumar Sharma, Dr Rajesh Kumar Boghey and Dr Bhupendra Verma (Technocrats Institute of Technology (Excellence), Bhopal, India)
12.35 - 12.45	ICETE-2024_110	<b>Deep Learning-Based Animal Species Classification Using Convolutional Neural Networks: A Comparative Study</b> Sanjana Chathli, Gautam Anand, Hashmat Fida (Chandigarh University (University Institute of Engineering))

Conference Title	1 <sup>st</sup> International Conference on Emerging Technologies in Electronics and Communication Engineering (ICETE 2024)
Track	V
Parallel Session	4A
Time and Date	13.30 – 15.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Dr. Kuntal Ghosh, RDI Expert on cybersecurity specialist on Smart Factory and Waterloo Lab at Savonia University of Applied Sciences in Kuopio, Finland
Link (if online)	<a href="https://meet.google.com/ctm-jcjs-otb">https://meet.google.com/ctm-jcjs-otb</a>

Time	Paper ID	Paper Title and Authors
13.30 - 13.40	ICETE-2024_157	<b>Securing Tomorrow's Communication: Quantum Cryptography as a Key Enabler</b> Soumya Sindhu, Amrita Chatraj, Hashmat Fida (Chandigarh University)
13.40 - 13.50	ICETE-2024_184	<b>Comparative Analysis of Machine Learning Algorithm's Performance for Food Adulteration Detection for Dairy Products</b> Madhusudhana Reddy Barusu, H. Samitha, M. Harshitha Naidu, Haripriya Golla (Ravindra College of Engineering for Women, Kurnool)
13.50 - 14.00	ICETE-2024_189	<b>R HELP X: A Platform for Medicine Donation and Redistribution to Improve Global Healthcare Access</b> Aman, Ananya Shukla, Harshit Vats, Priya Ranjan Raj (Chandigarh University)
14.00 - 14.10	ICETE-2024_191	<b>Evaluating Real-Time Object Detection Performance On Mixed Frames And Videos Using Yolov8 With Deep Learning</b> shobhanreddyv, Methukupally Keerthana, Dukire Shashi Kumar, Thummala Sharath Babu (Kakatiya Institute of Technology and Science, Warangal)
14.10 - 14.20	ICETE-2024_199	<b>A Review Of Impact Of Using Different Activation Functions In Artificial Neural Networks For Multiscript Vehicle Number Plate Recognition</b> Surti Manthankumar Jayantbhai, Rakesh Kumar Bhujade (Department of Information Technology, St. John College of Engineering and Management, Maharashtra)
14.20 - 14.30	ICETE-2024_212	<b>A Review on Signature Verification Techniques</b> Sai Ganesh Punnam, Yashwanth Kolli (Chaitanya Bharathi Institute of Technology)
14.30 - 14.40	ICETE-2024_217	<b>Enhancing Sentiment Analysis in Multilingual Movie Reviews: A Study of KNN with and without SVD</b> Jennifer June Mohanraj, Navin M George (Karunya Institute of Technology and Sciences, Coimbatore)

14.40 - 14.50	ICETE- 2024_221	<b>A Review on Air Quality Prediction using Graph Neural Networks</b> Vivek Chandak, Sai Pranav Gangadhara (Chaitanya Bharathi Institute of Technology)
14.50 - 14.50	ICETE- 2024_225	<b>Vision Aid: A Web-Based Assistive System for Real-Time Scene Descriptions and Guidance Using Vision Transformers and LLMs</b> Riyaz, Vempaty Prashanthi, Kunala Udaya Surya Pravalika, Balikiri Chaitanya (Chaitanya Bharathi Institute of Technology, Hyderabad)

**International Conference on Emerging Trends in  
Business Management: Entrepreneurship,  
Technology, and Sustainability (ICETBM-ETS 2024)**

Conference Title	International Conference on “Emerging Trends in Business Management: Entrepreneurship, Technology, and Sustainability (ICETBM-ETS 2024)
Track1	Ethical Practices and Employee Dynamics
Parallel Session	1A
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	C Block Seminar Hall (C-203)
Chairperson	Dr. M. Bhaskara Rao, Professor, ICFAI Foundation for Higher Education, Hyderabad
Link (if online)	Offline

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	ICETBM -ETS-109	<b>Ethical consideration regarding monitoring employees during remote work</b> B Shashank Singh*, Kandipilli Manasa Devi, MD. Meenaaz Fathima (Avinash College of Commerce, Hyderabad)
15.25 - 15.35	ICETBM -ETS-144	<b>A Study on Awareness of Entrepreneurship Related Government Schemes among Graduate students (Reference to Hyderabad)</b> M. Pavitrmbika*; Pavan Trishu Vijay Kumar; Varun Gunra; Veduruparthi Dhanvi (St Mary's College, Hyderabad)
15.35 - 15.45	ICETBM -ETS-146	<b>The Effect of Stress on Academic Performance of Children: A Systematic Literature Review</b> Arti Gupta*(Ajeenkya D Y Patil College, Pune); Dr. S. Saraswathi; Dr. P. Varaprasad Goud (Chaitanya Bharathi Institute of Technology, Hyderabad)
15.45 - 15.55	ICETBM -ETS-161	<b>Role of Technology in Business Management Program: Boon or Bane</b> Dr. B. Suchithra* (Dr. MGR Educational and Research Institute, Chennai); Dr Neeraja (Chaitanya Bharathi Institute of Technology, Hyderabad)
15.55 - 16.05	ICETBM -ETS-167	<b>Innovation in HRM: A study on AI tools and challenges in using them</b> Boggeti Geethika Shruthi*; Dr. B Lavanya (Chaitanya Bharathi Institute of Technology, Hyderabad)
16.05 - 16.15	ICETBM -ETS-168	<b>5G/6G Technologies: New Business Models and Value Creation Opportunities</b> Dr Jayashree Patil Dake* (KPB Hinduja College of Commerce); Prashant Hiru Butani (University of Surrey, Guildford, United Kingdom)
16.15 - 16.25	ICETBM -ETS-170	<b>The Role of Emotional Intelligence in Classroom Management: Impact on Student Behaviour in Education</b> Dr. S. Saraswathi (Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad); Vajjha Rukmini (HR Analyst, Accordion)

Conference Title	International Conference on “Emerging Trends in Business Management: Entrepreneurship, Technology, and Sustainability (ICETBM-ETS 2024)
Track2	Transformative Perspectives in Education, Technology, and Business Innovation
Parallel Session	1B
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	SMS 204
Chairperson	Dr. A. Devendran, Professor, Business Analytics -School of Business, Woxsen University Hyderabad, Telangana
Link (if online)	Offline

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	ICETBM -ETS-103	<b>Navigating the Transformative Impacts of ChatGPT in Education: Benefits, Barriers, and Breakthroughs</b> Prof. A. Suryanarayana*; Mr. A. Subhash Reddy (Osmania University)
15.25 - 15.35	ICETBM -ETS-112	<b>Career Aspirations and Growth Pathways of Generation Z: Navigating And Shaping The Future</b> A. Subhash Reddy *; Prof. Vijaya Rudraraju (GIET University, Odisha)
15.35 - 15.45	ICETBM -ETS-120	<b>A Scoping study on Energy Management System in the city of Hyderabad</b> Dr. B. Neeraja*(Chaitanya Bharathi Institute of Technology, Hyderabad)
15.45 - 15.55	ICETBM -ETS-123	<b>Evaluation of Claim Settlement on Operating Efficiency and Profitability in Indian Life Insurance Sector</b> Vikram Gaddam (P.K. University); Suresh Chandra Ch* (Registered Ph.D Research Supervisor at P.K. University & Assistant Professor(Selection Grade), Vignan's Foundation for Science, Technology & Research)
15.55 - 16.05	ICETBM -ETS-138	<b>Bridging the Gap through Technology: An Analytical Study of Student Centric Learning and Engagement in Indian Higher Education Context</b> B. V. Jayanthi* (Chaitanya Bharathi Institute of Technology, Hyderabad); Rajani Chandrashekar (Amity Global Business School, Hyderabad)
16.05 - 16.15	ICETBM -ETS-140	<b>Enhancing Educational Effectiveness through Adaptive Teaching and Learning Approaches</b> Rakhee Renapurkar*, M. Sangeetha (Chaitanya Bharathi Institute of Technology, Hyderabad)
16.15 - 16.25	ICETBM -ETS-154	<b>Empowering Consumers: The Importance Of Security Awareness In India's Digital Payment Ecosystem</b> Shaik Ubaid*; Sowmya Kethi Reddi (Chaitanya Bharathi Institute of Technology, Hyderabad)
16.25 – 16.35	ICETBM -ETS-164	<b>Innovation in Higher Education: Embracing Change for a Sustainable Future</b> Venkata Ramana T (Chaitanya Bharathi Institute of Technology, Hyderabad); Sajja. Deepthi* (St. Mary's College, Hyderabad)

Conference Title	International Conference on “Emerging Trends in Business Management: Entrepreneurship, Technology, and Sustainability (ICETBM-ETS 2024)
Track	Financial Services and Inclusion
Parallel Session	2A
Time and Date	09.30 AM – 11.00 AM, 14 <sup>th</sup> December 2024
Venue	Online
Chairperson	Dr. Bhupender Mishra, Program Chair- faculty development - Ai University Mumbai & independent consultant for Bourgeois a Digital Marketing Agency, Mumbai
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=m87586eaa33d5b006af39826709b8718a">https://cbithyd.webex.com/cbithyd/j.php?MTID=m87586eaa33d5b006af39826709b8718a</a> Meeting number: 2641 389 0156 Password: Nxu9KaV67fM

Time	Paper ID	Paper Title and Authors
09.30 - 09.45	ICETBM -ETS-118	<b>Impact Of Fintech Services On Customer Satisfaction: A Study In Hyderabad</b> K. Sreenivasa Charyulu* (Annamalai University, Tamilnadu); P. Selvamani (Government Arts College (Autonomous), Salem 7)
09.45 - 10.00	ICETBM -ETS-122	<b>Evaluating the Impact of Financial Stress on Academic Performance and Retention Rates among College Students in Manipur</b> Tejnarayan Thakur*; Chandibai Potsangbam (Manipur International University ,Ghari Imphal Manipur)
10.00 - 10.15	ICETBM -ETS-133	<b>Global Impacts of Digital Change: An International Perspective</b> Gadoev A.F.* (Institute of Digital Technologies and Artificial Intelligence IUTET); Rabizoda N. (Engineering and Pedagogical College of Dushanbe)
10.15 - 10.30	ICETBM -ETS-147	<b>Financial Literacy: Impact on Online Transactions for Lower-income Groups</b> Deepa Tumma* (Anil Neerukonda Institute of Technology and Sciences (A), Sangivalasa)
10.30 - 10.45	ICETBM -ETS-148	<b>Financial Inclusion Through Pradhan Mantri Jan Dhan Yojana in Korutla Mandal, Telangana</b> Budampati. V. S. Sowmya* (JNTU Hyderabad, Hyderabad)
10.45 - 11.00	ICETBM -ETS-153	<b>Studying how fintech can improve access for financial services for UN-deserved population</b> B. Chandrakala Naik*; K.Uma Rani (Vaagdevi Degree and PG college, Warangal)
11.00 - 11.15	ICETBM -ETS-158	<b>Service Quality in Private Banks and Public Sector Banks, India – A Comparative study</b> T. P. Pavani*; Madhiya Taranum (Veeranari Chakali Iamma Women’s University (formerly University College for Women), Hyderabad)

Conference Title	International Conference on “Emerging Trends in Business Management: Entrepreneurship, Technology, and Sustainability (ICETBM-ETS 2024)
Track	Technology and Sustainability in Business
Parallel Session	2B
Time and Date	09.30 AM– 11.00 AM, 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Dr. Ganesh Kumar, Lecturer, Program Leader (DA), FYP coordinator and Lead ECR, Department of computing and Information System, Sunway University, Malaysia
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=m7a3e46617a6aa4aa869d8392371c1559">https://cbithyd.webex.com/cbithyd/j.php?MTID=m7a3e46617a6aa4aa869d8392371c1559</a> Meeting number: 2643 850 8293 Password: mMUg78uJmu7

Time	Paper ID	Paper Title and Authors
09.30 - 09.45	ICETBM -ETS-107	<b>Computer Literacy and its Role in the Training of Future Economists</b> Khorkashov Islombek Sangakovich* (Science and Innovation of the International University of Tourism and Entrepreneurship of Tajikistan)
09.45 - 10.00	ICETBM -ETS-134	<b>Impact Of Technology On The Handloom Industry In Dharmavaram, Andhra Pradesh</b> Koppala Anjaneyulu*; Gali Vijaya Bharathi (Yogi Vemana University, Kadapa)
10.00 - 10.15	ICETBM -ETS-137	<b>Dynamics Of Sustainable Digital Technologies And Transformation In Public Sector Institutions In India</b> K Rajesh kumar (KL Deemed University-AP); P. CH. Praveen Kumar* (Balaji Institute of IT & Management, Kadapa); Siva sankar Mandal Baidya (Vignan Deemed to be University, Guntur)
10.15 - 10.30	ICETBM -ETS-139	<b>A Study of Local Community Upliftment Through Sustainable and Responsible Tourism in Kerala</b> Kavita Sasidharan Kulkarni* (ICFAI Foundation for Higher Education, Hyderabad); B. V. Jayanthi (Chaitanya Bharathi Institute of Technology, Hyderabad)
10.30 - 10.45	ICETBM -ETS-149	<b>Integrating Yoga Philosophy into Sustainable Living: A Holistic Approach to Environmental and Social Well-being</b> Shrilaja Palur* (ITM Skills Univeristy, Navi Mumbai); B. V. Jayanthi (Chaitanya Bharathi Institute of Technology, Hyderabad)
10.45 - 11.00	ICETBM -ETS-150	<b>Technology as a Catalyst for Sustainable Trade: Strategic Implications</b> Sankalp Srivastava* (ITM Skills Univeristy, Navi Mumbai); B. V. Jayanthi (Chaitanya Bharathi Institute of Technology, Hyderabad)
11.00 - 11.15	ICETBM -ETS-171	<b>A Complete Framework for Admissions of Foreign Students in Indian Universities by Synergizing Blockchain and Sentiment Analysis</b> Suhasini* (Aurora PG College, Chikadpally, Hyderabad)



Conference Title	International Conference on “Emerging Trends in Business Management: Entrepreneurship, Technology, and Sustainability (ICETBM-ETS 2024)
Track	Leadership, Workforce, and HR Management
Parallel Session	3A
Time and Date	11.15 AM– 12.45 PM, 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Dr. P. Vasantha Lakshmi, Associate Professor & Head of the Department- International Business, ITM Skills University, Mumbai
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=maad69f69e2c3969475ef7fb6770cd7d">https://cbithyd.webex.com/cbithyd/j.php?MTID=maad69f69e2c3969475ef7fb6770cd7d</a> Meeting number: 2643 425 7693 Password: ihMPumin674

Time	Paper ID	Paper Title and Authors
11.15 - 11.30	ICETBM -ETS-108	<b>Human Capital Important Factor of Development of Entrepreneurship</b> Khorkashov Islombek Sangakovich* (Science and Innovations of the International University of Tourism and Entrepreneurship of Tajikistan)
11.30 - 11.45	ICETBM -ETS-116	<b>Assessing the role of leadership in Fostering knowledge management initiatives in MSMEs in Telangana State - A study of select industrial regions in Telangana</b> D Lakshmi*; P.Venkata Purna Kumari (SR University, Warangal)
11.45 - 12.00	ICETBM -ETS-119	<b>Role of Artificial Intelligence in Human Resource Management</b> Pramodini C M*; Venkateswarlu Karumuri (Madanapalle Institute of Technology and Science, Madanapalle)
12.00 - 12.15	ICETBM -ETS-129	<b>Workforce Diversity Its Impact on Employee Performance in Banking Sector, Hyderabad, Telangana</b> P. Neelima * (B V Raju Institute of Technology, Narsapur); V. Parvathi (GITAM School of Business, Hyderabad); I. Nageswara Rao (B.V.Raju Institute of Technology, Narsapur)
12.15 - 12.30	ICETBM -ETS-152	<b>The Role of Work-Life Balance as a Mediator between Job Resources and Job Satisfaction: Perspectives from Mahabubnagar District Healthcare Workforce</b> M. Arundhathi Reddy (BEST Innovation University Head Quarters, Gownivaripalli, Gorantla); B. Venkata Lakshmi (K.S.R.M.College of Engineering(Autonomous),Kadapa); V. Mouneswari (Annamacharya University, Rajampet); G.Ramanjaneyulu* (Annamacharya Institute of Technology & Sciences, (Autonomous), Kadapa)
12.30 - 12.45	ICETBM -ETS-157	<b>The Influence of Attitude on career Development: A Behavioural Perspective among Future Managers</b> Valiveti Sree Jyothi* (Aurora's Business school, Hyderabad)
12.45 - 1.00	ICETBM -ETS-159	<b>The Future of work Adapt: Redefining Employee Benefits for the Gig Economy</b> Viharika G*; K.Naga Sundari; K.Naga Sumalatha (Maris Stella College, Vijayawada)

Conference Title	International Conference on “Emerging Trends in Business Management: Entrepreneurship, Technology, and Sustainability (ICETBM-ETS 2024)
Track	Consumer Behaviour and Marketing Innovations
Parallel Session	3B
Time and Date	11.15 AM – 12.45 PM, 14 <sup>th</sup> December 2024
Venue	Online
Chairs	Dr. Latha, Associate Professor, Presidency University, Bengaluru
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=mdc0022759c7dc123bdf8e01af97f15d16">https://cbithyd.webex.com/cbithyd/j.php?MTID=mdc0022759c7dc123bdf8e01af97f15d16</a> Meeting number: 2642 732 6266 Password: MsEdZq8W68r

Time	Paper ID	Paper Title and Authors
11.15 - 11.30	ICETBM-ETS-102	<b>Leveraging Predictive Analytics For Effective Data-Driven Decision-Making In Ai-Enhanced Hr 5.0 Environments</b> A. Subhash Reddy* (Pendekanti Institute of Management, Hyderabad); Prof. A. Suryanarayana (Osmania University, Hyderabad)
11.30 - 11.45	ICETBM-ETS-114	<b>Redefining customer experience in a cashless society- User-Centric Perspective</b> Samba Shalini*; Nilambari Sanjekar; Gita Desai; Bandari Vinod Babu (Badruka College of Commerce and Arts, Hyderabad)
11.45 - 12.00	ICETBM-ETS-115	<b>A study of Consumer Behaviour towards Organic Food Products in Hyderabad (With Special Emphasis on Ethical Consumerism and Sustainability)</b> Archana. A. Ramesh*; Shruti Kayal; Rashmi Dhodapkar; Bhavani Tripura (Badruka College of Commerce and Arts, Hyderabad)
12.00 - 12.15	ICETBM-ETS-128	<b>Balancing Emotion and Logic: The Role of Appeals in Marketing and Advertising</b> U. Devi Prasad (GITAM, Hyderabad); Megha C K* (Aurora's PG College, Hyderabad)
12.15 - 12.30	ICETBM-ETS-132	<b>The concept, essence and development of agrarian tourism in Tajikistan using the experience of the advanced countries of the world</b> Gulova Shahlo Mirahmadovna*; Rabizoda Najibullo (Engineering and Pedagogical College of Dushanbe, Tajikistan)
12.30 - 12.45	ICETBM-ETS-142	<b>From Classroom to Boardroom: A Qualitative Exploration of Entrepreneurial Intentions in Indian Women Entrepreneurs</b> Mohini shukla* (Amity University); Alka singh bhatt (Amity University); S. Chandramouli (Osmania University, Hyderabad)
12.45 – 1.00	ICETBM-ETS-143	<b>The Impact of True Digital Transformation on the Indian Beauty Retail Sector: The Case of Nykaa</b> Venkatesham Tereti* (Amity Global Business School, Hyderabad); B V Jayanthi, (Chaitanya Bharathi Institute of Technology, Hyderabad)

**International Conference on Developments in  
Sustainable Materials, Infrastructure, Manufacturing,  
and Energy Engineering (ICDSMIME-2024)**

Conference Title	International Conference on Developments in Sustainable Materials, Infrastructure, Manufacturing, and Energy Engineering (ICDSMIME-2024)
Track	Infrastructure
Parallel Session	1A
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	D102-Mechanical Seminar Hall
Chairs	Prof. K Shashikanth, OU and Prof. C. Ravi Kumar Reddy, CBIT
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543">https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543</a>

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	2024177	<b>Explainable AI for Industrial IoT: Applications in Fault Detection</b> Karthikeyan Ramdass, Priya Guruprakash Rao, Samarth Shah, Mandeep, Kumaresan Durvas Jayaraman, Raghav Agarwal; University of Washington
15.25 - 15.35	2024175	<b>IoT and Blockchain for Secure Fault Detection in Industrial Applications</b> Varun Garg, Guruprasad Govindappa Venkatesha, Ramesh Kumar, Sneha Aravind, Karthik Venkatesan, Avneesh Kumar; University of California
15.35 - 15.45	2024171	<b>Big Data Analytics for Industrial IoT Fault Monitoring Systems</b> Arpit Jain, Dinesh Nayak Banoth, Rajkumar Kyadasu, Shachi Ghanshyam Sayata, Sirish Kumar Narra, Vikram Amity; Cleveland State University
15.45 - 15.55	2024152	<b>Evaluating Efficiency of Various percentage Crystalline Admixture in Self-Healing of RC Beams</b> P. Ravi shekar, Arshad Hussain Choudhury and K. Jagannadha Rao; Chaitanya Bharathi Institute of Technology
15.55 - 16.05	2024147	<b>A Review Accident Studies &amp; Road Safety Audit for State Highway MH SH 298 (Amravati-Kathora-Chandur Bazar Road)</b> Santosh Akotkar, Nikhil Pitale, Samish Dahake; G. H. Rasoni College of Engineering
16.05 - 16.15	2024146	<b>A Comparative study of Ambient and Traffic Noise levels in Vijayawada using Empirical -, Regression and- Neural Network Approaches</b> V. Ramakrishna, K.V. Ramana; Lakireddy Bali Reddy College of Engineering
16.15 - 16.25	2024143	<b>A Simplified Solution On Seismic Stability Of Reinforced Earth Wall: Cohesive - Frictional Backfill Carries Uniform Surcharge</b> M.C Venkatasubbaiah, S.Bala Padmaja, G.V.N. Reddy, St. Peters Engineering College
16.25 - 16.35	2024142	<b>Study of effect of mesh density in the grillage analysis of a T-beam girder road bridge for live load</b> G. Raghavendra, M. V. S. S. Sastri and Asamwar Manoj Kumar; Vasavi College of Engineering

Conference Title	International Conference on Developments in Sustainable Materials, Infrastructure, Manufacturing, and Energy Engineering (ICDSMIME-2024)
Track	Infrastructure
Parallel Session	1B
Time and Date	15.15 – 16.45 Hrs. and 13 <sup>th</sup> December 2024
Venue	D101-Mechanical HoD conference Hall
Chairs	Dr. MVSS Sastri, Vasavi College of Engg. and Dr. Janana Ranan Kuntia, CBIT
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543">https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543</a>

Time	Paper ID	Paper Title and Authors
15.15 - 15.25	2024133	<b>Coupled Effect of Soil and Structure on Design Parameters in 3D Building Frames</b> Pachudala Avinash, Ravi Kumar Reddy C, Durga Prasad Ravella, P. Srinivas Reddy; Chaitanya Bharathi Institute of Technology
15.25 - 15.35	2024120	<b>Choosing the Right Multi-Criteria Decision-Making Technique: A Critical Analysis for Complex Problems</b> Suchismita Swain, Saroj Kumar Patra, Kamalakanta Muduli; Papua New Guinea University of Technology
15.35 - 15.45	2024119	<b>A Graphical User Interface for Mix Design of Standard Concrete</b> Dr NR Gowthami*, Ajaya Kumar Reddy K, Annamacharya Institute of Technology and Sciences-Rajampet
15.45 - 15.55	2024118	<b>Seismic Control of Irregular RCC Structure with Fluid Viscous Dampers using SAP2000</b> N. Lalitha Kumari and K. Manasa; Chaitanya Bharathi Institute of Technology
15.55 - 16.05	2024113	<b>Accident Studies &amp; Road Safety Audit for State Highway for MH SH 298 A(RSA)"(Amravati- Kathora- Chandur Bazar Road)</b> Santosh Akotkar, Nikhil Pitale, Samish Dahake; G. H. Raison College of Engineering
16.05 - 16.15	2024109	<b>Biometric - Enabled Online Voting System</b> Srimathi P, Shruthi T, Janani S; St. Joseph's College of Engineering
16.15 - 16.25	2024105	<b>Quantifying the Overall Efficiency Gains through Real-Time Data Integration and Updates in construction project</b> Gopika Balasubramanian, K. Gunasekaran; SRM Institute of Science and Technology

Conference Title	International Conference on Developments in Sustainable Materials, Infrastructure, Manufacturing, and Energy Engineering (ICDSMIME-2024)
Track	Materials
Parallel Session	2A
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	D102-Mechanical Seminar Hall
Chairs	Dr. Koteswaraarao Jadda, and Dr. K. Srikanth, CBIT
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543">https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543</a>

Time	Paper ID	Paper Title and Authors
09.30 – 09.40	2024104	<b>Corporate Innovation policies for Sustainable Materials, Infrastructure, Manufacturing and Energy Industries: Enhancing Literacy and Socio Economic growth - A review</b> Angel Anbu Samuel, Pallekonda Dolly Diana, Jayaseelan Clement Sudhakar; Karunya Institute of Technology and Sciences
09.40 – 09.50	2024107	<b>Evaluating Fresh and Strength Properties of GGBFS, Fly Ash, and RHA-Based Self-Compacting Geopolymer Concrete Activated by a Single Activator Solution</b> T.Naresh, Mainak Mallik, N.R. Dakshina Murthy, Ankur C.Bhogayata, Ravi Modi; National Institute of Technology Arunachal Pradesh
09.50 – 10.00	2024111	<b>Influence of Polypropylene Fiber Reinforcement on mechanical properties of Cement-treated Brick Klin Waste</b> Mohammad Iqbal Mirza, Shujaat Hussain Buch, Mohammad Dilawar Bhat, Mehnaz Akhter; Islamic University of Science and Technology
10.00 – 10.10	2024121	<b>To develop the Nobel Prize “for the development of asymmetric organocatalysis” by Matrix Laboratory</b> Satyendra Prasad Rajgond; Gondwana International Technology & Research Centre
10.10 – 10.20	2024126	<b>Comparative Analysis for Warm mix and Hot mix Asphalt with Zycotherm Additive</b> Ajay Kodape; G H Raison College of Engineering
10.20 – 10.30	2024134	<b>Flexural Behavior of Reinforced concrete beam using industrial waste</b> Mahesh K, Shrihari S, Devi k, Anjali M; KL University
10.30 – 10.40	2024145	<b>Effectiveness of Crystalline Admixture in Self-Healing of Beams with Different Crack widths</b> R. Sai Charan, Arshad Hussain Choudhury and K. Jagannadha Rao; Chaitanya Bharathi Institute of Technology
10.40 – 10.50	2024153	<b>LSTM vs. CNN: A Comparative Analysis for NSE Stock Value Prediction</b> Santhosh Voruganti, Sairam Utukuru, Sugamaya Katta, Harish Goud B, Chaitanya Bharathi Institute of Technology

Conference Title	International Conference on Developments in Sustainable Materials, Infrastructure, Manufacturing, and Energy Engineering (ICDSMIME-2024)
Track	Materials
Parallel Session	2B
Time and Date	09.30 – 11.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	D101-Mechanical HoD conference Hall
Chairs	Dr. Kundan Kumar Singh, BITS Hyderabad and Dr. Ch. Venkata Sushma, CBIT
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543">https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543</a>

Time	Paper ID	Paper Title and Authors
09.30 – 09.40	2024157	<b>Deep Learning-Based Fault Detection Systems for Industrial IoT Applications</b> Komal Agrawal, Abhijeet Bajaj, Milavkumar Shah, Ravi Mandliya, Satish Krishnamurthy, Hari Gupta; Presidency University
09.40 – 09.50	2024160	<b>Optimization of Mechanical Processes Through AI-Driven Predictive Analytics</b> Ashish Kumar, Srinivasulu Harshavardhan Kendyala, Sivaprasad Nadukuru, Dr. Anikta Tiwari, Nalini Nadarajah, OM Goel; Tufts University
09.50 – 10.00	2024165	<b>Integration of IoT and Deep Learning for Smart Fault Diagnosis</b> Arnab Kar, Nandish Shivaprasad, Dr. Sandeep Kumar, Viswanadha Pratap Kondoju, Praveen Kumar Ilamurugan, Abhishek Jain; Duke University
10.00 – 10.10	2024167	<b>Cloud-Based Fault Monitoring Systems for Mechanical Components</b> Rohan Viswanatha Prasad, Smita Raghavendra Bhat, Sanyasi Sarat Satya Sukumar Bisetty, Hrishikesh Rajesh Mane, Dr. Deepika Ghai, Lagan Goel University of Southern California, Los Angeles, CA 90007, United States,
10.10 – 10.20	2024173	<b>Fault Prognosis Using Federated Learning in IoT-Connected Machines</b> Ramya Ramachandran, Vardhansinh Yogendrasinnh Ravalji, Khushmeet Singh, Shashank Shekhar Katyayan, Dr. Lalit Kumar, Munish Kumar University of Iowa, Iowa, USA
10.20 – 10.30	2024174	<b>Anomaly Detection in Industrial Processes with Explainable AI Techniques</b> Pradeep Jeyachandran, Arulselvan Janakiraman, Avinash Reddy Nandyala, Piyush Bipinkumar Desai, Avneesh Kumar, Poonam University of Connecticut, 352 Mansfield Rd, Storrs, CT 06269, United States
10.30 – 10.40	2024179	<b>A Scalable IoT-Based Framework for Predictive Maintenance</b> Sreeprasad Govindankutty, Siddharth Choudhary Rajesh, Srinivasan Jayaraman, Saurabh Kansal, Komal Agrawal Raj Singh Western Governor University, 4001 S 700 E #300, Millcreek, UT 84107, United States

Conference Title	International Conference on Developments in Sustainable Materials, Infrastructure, Manufacturing, and Energy Engineering (ICDSMIME-2024)
Track	Manufacturing
Parallel Session	3A
Time and Date	11.15 – 12.45 Hrs. and 14 <sup>th</sup> December 2024
Venue	D102-Mechanical Seminar Hall
Chairs	Dr. Ch. Sridhar Reddy, JNTU Manthani and Prof. PVR Ravindra Reddy, CBIT
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543">https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543</a>

Time	Paper ID	Paper Title and Authors
11.15 – 11.25	2024102	<b>Experimental Analysis for the Correlations of Various Parameters with Limit Drawing Ratio in Deep Drawing of Cylindrical Cup using Random Forest Algorithm</b> P.V.R.Ravindra Reddy, A.Rajanikanth, V.Uma Maheswari, Kiran Kumar Amireddy, Rahul, P.Prabhakar Reddy, Chaitanya Bharathi Institute of Technology, Hyderabad
11.25 – 11.35	2024103	<b>ANN Based Predictions for MRR and Surface Roughness on Abrasive Air Jet Machine</b> B.Anjaneyulu, R.Meenakshi Reddy, T.Hariprasad, N.Satish Kumar, D. Raju Srinivasa Ramanujan Institute of Technology (Autonomous), Anantapur, Andhra Pradesh – 515001
11.35 – 11.45	2024110	<b>Finite element analysis of MWCNT reinforced GFRP composite</b> P.RamaLakshmi, Kalva Varshith, Matta Pavan Goud, Esampally Pradeep Kumar, P. Ravinder Reddy, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad
11.45 – 11.55	2024112	<b>Design and Manufacturing of Steel Model of Eiffel Tower</b> Joginder Singh, Charu Pathak, Shesa Dev Rajahansa
11.55 – 12.05	2024117	<b>Automation Of Stair Climbing Wheelchair</b> T. Babu, R. Iyappan, K. Lingto, M. Aravindh, P. Shesath Sri Sai Ram Engineering College, Chennai
12.05 – 12.15	2024123	<b>Analysis of Internet of Things Based Medication Dispenser Reminder and Drug Expiration Health Monitoring and its Applications</b> A. Nirmal Raj, Bhukya Shankar, Suresh Govindasamy, Buddhaghosh Arjun Shingade, M.Tamilselvam, B V.Febiyola Justin, G.Ramachandran Velammal Engineering college, Surapet, Chennai
12.15 – 12.25	2024127	<b>Effect of elevated cup corner radius on contact pressure and failure of metal-on-metal implants for hip prosthesis</b> V.G.Pratheep, R.Nithyaprakash, A.Shanmugam, K.Durga Sree, N.Gurubaran, R.Charan, M.Dharshana, S.Sri Ram, Kongu Engineering College, Perundurai, India
12.25 – 12.35	2024156	<b>CFD analysis of heat transfer in venture tube using different models with CeO<sub>2</sub> Nano addition to water</b> Mohd Hasham Ali1, Syed Nawazish Mehdi, M.T Naik Muffakham Jah College of Engineering and Technology, Hyderabad.



Conference Title	International Conference on Developments in Sustainable Materials, Infrastructure, Manufacturing, and Energy Engineering (ICDSMIME-2024)
Track	Manufacturing
Parallel Session	3B
Time and Date	11.15 – 12.45 Hrs. and 14 <sup>th</sup> December 2024
Venue	D101-Mechanical HoD conference Hall
Chairs	Sri. A. Hari Krishna, Solution Architect, ZF Technology Center, Hyderabad Prof. P. Prabhakar Reddy, CBIT (A), Hyderabad
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543">https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543</a>

Time	Paper ID	Paper Title and Authors
11.15 – 11.25	2024128	<b>Finite Element Wear Study Of Cnt Reinforced Uhmwpe Against Zirconia For Hip Prosthesis</b> R. Nithyaprakash, S. Shankar, R Naveen Kumar, B Sathees Kumar, S. Suganth, M. Sreenath, A. Sathish Kumar, V. Venkateshwaran, Kongu Engineering College, Erode, India
11.25 – 11.35	2024131	<b>Finite Element Analysis of Wear of PLA Against Alumina for Different Bio-Lubricants in Hip Prosthesis</b> R. Nithyaprakash, S. Shankar, R. Naveenkumar, S. Divahar, T.S Amirtha Bharathi, G. Ilayaraja. A. Bhavish, S.A. Nakul, Kongu Engineering College, Erode, Tamil Nadu, India
11.35 – 11.45	2024132	<b>Contact analysis of elevated acetabular cup for metal-on-metal under risky gait activities for various microseparations</b> R. Nithyaprakash, S. Shankar, R. Naveenkumar, J. Mithun Krishna, R. Karthikeyan, S. Kavin Raja, B. Mukesh, V. Naveen, Kongu Engineering College, Erode, Tamil Nadu, India
11.45 – 11.55	2024138	<b>Numerical analysis of porous beam with non-uniform symmetric porosity distribution for non-linear bending subjected to non-uniform loading</b> S. W. M. Quadri, N. R. Dakshina Murthy, Vishal Singh, Rajesh Kumar, Syed Anees Ur Rahman, Chaitanya Bharathi Institute of Technology(A), Hyderabad, India
11.55 – 12.05	2024150	<b>Generative Design for 3D Printing: A Review and Future Directions</b> BVS Rao, Nausheen Firdouz Shaik, Chaitanya Bharathi Institute of Technology, Hyderabad.
12.05 – 12.15	2024151	<b>Tensile Strength Characterization of Aegle Marmelos Woven Glass Fibre Reinforced Polymer Composite</b> Venkata Sushma Chinta, Nagini Yarramsetty, Kiran Kumar Amireddy, L. Suresh Kumar, P V R Ravindra Reddy, K N V Sreedevi, Chaitanya Bharathi Institute of Technology, Hyderabad.

12.15 – 12.25	2024154	<b>Areca nut fiber reinforced composite laminate for green-building Applications</b> Kiran Kumar Amireddy, Venkata Sushma Chinta, P. Prabhakar Reddy, G. Laxmaiah, V. Sandhya, P. Satatha, B. Sravan Kumar, D. Sri Harsha Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad.
12.25 – 12.35	2024155	<b>Numerical Modeling of Electron Beam Welding</b> Varimadugu Sandhya, M. Naga Phani Sastry, K. HemaChandra Reddy Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad.

Conference Title	International Conference on Developments in Sustainable Materials, Infrastructure, Manufacturing, and Energy Engineering (ICDSMIME-2024)
Track	Energy Engineering
Parallel Session	4A
Time and Date	13.30 – 15.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	D102-Mechanical Seminar Hall
Chairs	Dr. S. Annapurna, DRDO and Dr. Ch. Indira Priyadarshni
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543">https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543</a>

Time	Paper ID	Paper Title and Authors
13.30 – 13.40	2024108	<b>Copper-Picolinate-Phosphate: Synthesis and Properties of a Heat Absorbing Material</b> Sushree Priyadarshini, Akash ku Sahu, Gouri Sankhar Brahma, Suprava Nayak, School of Chemistry, Gangadhar Meher University, Sambalpur, Odisha.
13.40 – 13.50	2024122	<b>Analysis of Combination Power Generation Using Renewable and Battery Energy Sources and Its Applications</b> Thiagarajan Kittappa, Veeranjanyulu I, Panjagari Kavitha, R. Sasikala, R. Priyadarshini, D. V. Lokeswar Reddy, Department of Mathematics, Rajalakshmi Institute of Technology, Poonamalle, Chennai
13.50 – 14.00	2024124	<b>Developments In a Sustainable, Intelligent Multi-Level Battery Thermal Management System for Enhanced Safety and Performance in Electric Vehicles Using IoT</b> S A Mohan Krishna, P R Venkatesh, Mohammed Asif, Kattimani Shaik Mohammed Hussain, Syed Amer Ur, Rahman, Department of Mechanical Engineering, Vidyavardhaka College of Engineering, Mysore
14.00 – 14.10	2024130	<b>Experimental and Computational Study of Fin Profiles for Heat Transfer Optimization in Air-Cooling</b> Kaleru Aparna, S. Narasimha Kumar, Chintireddy Sharath Reddy, Assistant Professor, JNTUH College of Engineering Sultanpur, Telangana
14.10 – 14.20	2024140	<b>Experimental Evaluation of the performance characteristics of converted Hydrogen fueled spark Ignition Engine</b> P.V.R.Ravindra Reddy, Kiran Kumar Amireddy, P. Prabhakar Reddy, K. Chandrashekhar, K.Bharath, M.SaiKiran, Chaitanya Bharathi Institute of Technology, Hyderabad.
14.20 – 14.30	2024141	<b>Heat Transfer Enhancement Study with Rectangular and Trapezoidal Fins using Finite Volume Method</b> Kiran Kumar Amireddy, Ch.Indira Priyadarsini, P.Anjani Devi, Venkata Sushma Chinta, Chaitanya Bharathi Institute of Technology, Hyderabad
14.30 – 14.40	2024149	<b>Control Of Pollution Levels with Ceramic Coated Diesel Engine Fuelled Using Biogas and cottonseed biodiesel</b> Yousuf khan, R.P. Chowdary, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad

14.40 – 14.50	2024180	<b>IoT-Driven Predictive Maintenance for Renewable Energy Systems</b> Sunny Jaiswal, Abhijeet Bhardwaj, Jayanth Kolli, Vinay Acharya, Mr. Rishi Yadav, Dr. Singh Raj, Western Governor University, 4001 S 700 E #300, Millcreek, UT 84107, United States,
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Conference Title	International Conference on Developments in Sustainable Materials, Infrastructure, Manufacturing, and Energy Engineering (ICDSMIME-2024)
Track	Energy Engineering
Parallel Session	4B
Time and Date	13.30 – 15.00 Hrs. and 14 <sup>th</sup> December 2024
Venue	D101-Mechanical HoD conference Hall
Chairs	Dr. Jayaprakash Poojali, HCLTech and Dr. Nagini Yarramsetty, CBIT
Link (if online)	<a href="https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543">https://cbithyd.webex.com/cbithyd/j.php?MTID=m5aa951f889e1a9a4a641fa008d371543</a>

Time	Paper ID	Paper Title and Authors
13.30 – 13.40	2024159	<b>IoT-Enabled Condition Monitoring and Fault Analysis for Rotating Machinery</b> Akshay Gaikwad, Chinmay Pingulkar, Rupesh Kumar Misra, Prince Tyagi, Rajesh Ojha, Punit Goel, Rochester Institute of Technology, Rochester, New York, US
13.40 – 13.50	2024161	<b>Real-Time Fault Detection in Mechanical Systems Using Edge Computing and IoT</b> OM Goel, Balaji Govindarajan, Mahaveer Siddagoni, Ikshapathi, Sudharsan Vaidhun Bhaskar, Hina Gandhi, Satendra Pal Singh Om Goel, Independent Researcher, Abes Engineering College Ghaziabad, India
13.50 – 14.00	2024163	<b>Data Fusion Techniques for Predictive Maintenance Using IoT Sensors</b> Rupesh Kumar Misra, Rakesh Jena, Suraj Dharmapuram, Nagarjuna Putta, Vaidheyar Raman Balasubramanian, Aman shrivastav, School of Computer Science and Artificial Intelligence, SR University, Warangal
14.00 – 14.10	2024164	<b>Fault Prognostics in Industrial Equipment Using LSTM Networks</b> Shashank Shekhar Katyayan, Shilpa Choudhary, Samarth Shah, Prabhakaran Rajendran, Khushmeet Singh, Ms Shubhi Amity, Eli Broad College of Business, Michigan State University, Bogue St, East Lansing, MI 48824, United States
14.10 – 14.20	2024166	<b>IoT-Based Data Acquisition and Machine Learning for Process Optimization</b> Jay Bhatt, Akash Balaji Mali, Arun Mulka, Anikta Tiwari, Kumaresan Durvas Jayaraman, Shalu Jain, Northeastern University, Huntington Ave, Boston, MA 02115, United States
14.20 – 14.30	2024168	<b>Real-Time Fault Classification Using Transfer Learning in IoT Environments</b> Abhishek Das, Krishna Prasath Sivaraj, Siddharth Choudhary Rajesh, Vamsee Krishna Ravi, Lagan Goel, Poonam Abhishek Das Abhishek Das, Texas A&M University, 400 Bizzell St, College Station, TX 77840, US
14.30 – 14.40	2024170	<b>Energy-Efficient IoT Frameworks for Real-Time Fault Diagnosis</b> Sandeep Kumar, Narrain Prithvi Dharuman, Ankit Kumar Gupta, Viswanadha Pratap Kondoju, Hina Gandhi, Lalit Kumar, School of Computer Science and Artificial Intelligence, SR University, Warangal.

14.40 – 14.50	2024176	<b>Digital Twin Technology for Predictive Maintenance in Industrial Systems</b> Antony Satya Vivek Vardhan Akisetty, Prakash Subramani, Rafa Abdul, Balachandar Ramalingam, Munish Kumarcom, Sangeet Vashishtha Southern New Hampshire University, Manchester, NH 03106, US.
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