



ISO 9001:2015 Certified

International Conference on Sustainable Developments in Materials Science, Technology and Engineering

(ICSDMSTE 2022)

Date : 22nd-23rd April 2022

Mode: Virtual

Organized by : Lincoln University College, Malaysia

Program Schedule (Tentative)*

22nd April 2022 (Friday)

Time : 04:30 am (Italy), 7:30 am (Pakistan) 08.00 am (India) , 08:15 am (Nepal),
08.30 am (Jakarta), 9am (Myanmar); 10:30am (Malaysia)

10:30-11:00 **Inauguration Function**

National Anthem

Inauguration by:

Datuk Dr.Hjh. Bibi Florina Abdullah
Chancellor, Lincoln University College, Malaysia

Welcome Address by :

YBhg Dato (AMB) Yusoff Abu Bakar
CEO, Lincoln University College, Malaysia

Presidential Address by :

Prof. Dr. Amiya Bhaumik
President, Lincoln University College, Malaysia

11:00-12:00 Session I : Open paper Session: Sustainable Business Analytics

Chairpersons:

Dr. Vishal Khasgiwala, Dean-Faculty of Business & Commerce,
Atmiya University, India

Dr Eliza Sharma, Faculty of Business and Accountancy, Lincoln University
College, Malaysia

1	The Factors Influencing on SMEs Performance with Special Reference to Innovation and Technology	DorrisYadewani, OyyapanDuraipandi, Lyn Khor, Sefnedi, Lina Tio
2	The Impact of Strategic Planning on Organizational Performance within the Engineering Sector in Malaysia: Knowledge Sharing as a Moderating Variable	Lynn Khor Geak Lian, Sandeep Poddar, Amiya Bhaumik
3	Hierarchy of Reuse Options in Smartphone Selection and Strategies to Support Circular Economy	Shu-San Gan, Siana Halim, Della SuciAnggraini
4	Knowledge on Occupational Health and Safety Hazards Among Welders in Sumedang, West Java, Indonesia	Kosasih Bai Asmita, Santhna Letchmi Panduragan, Elis Nurhayati Agustina, Nisha Nambiar, Fatimah Yahya, Sandeep Poddar
5	Review of Models and Components for Organizational Change Being Faced by Learning Organizations	LAU Ka Shing
6	Role of Total Quality Management for Sustainable Competitive Advantage in Nepalese Banking Sector	Jugal Kishor Kushwaha, Sandeep Poddar, Abhijit Ghosh, Amiya Bhaumik
7	Effect of Digital Marketing on Performance and Business Sustainability of MSME's During COVID 19 Pandemic in India	Saif AllauddinTamboli, Mukil Alagirisamy
8	The Effectiveness of Daylight Management in Building	Arkar Htet, Sui Reng Liana, S. Yavana Rani, Amiya Bhaumik

12:00-12:45 Plenary Session :

Chairperson: Dr. Abhijit Ghosh, Dean, Faculty of Business and Accountancy,
Lincoln University College, Malaysia

Honorary Speaker :

Soft computing for the design of Material Science algorithms

Prof. Dr. Pelusi Danilo

Associate Professor in Computer Science, University of Teramo, Italy.

13:00-14:00 LUNCH

14:00-15:00 Session II : Open paper Session: Sustainable Business Analytics

Chairpersons:

Prof. Dr Pranam Dhar, Head Department of Commerce and Management, West Bengal State University, Kolkata, India

Prof Dr Satheesh Kr Oja, Dean (Nepal), Faculty of Business and Accountancy, Lincoln University College, Malaysia

1	The Influence of HRM Practices on Employee Retention in Pharmaceutical Industry in Yangon, Myanmar	Win Naing Soe, Amiya Bhaumik, Midhun Chakkaravarthy
2	Status of Occupational Safety and Health Management of the Organizations in Nepal: A Review	Subash Ghimire
3	Talent Management practices in Banking and Financial Sectors (BFIs) in Nepal	Avash Koirala, Sateesh Kumar Ojha
4	Study on Hydrophilicity / Hydrophobicity of Hydrogenated Diamond-like Carbon Thin Film	Hari Shankar Biswas, Sandeep Poddar
5	Development of Sustainable Masonry Bricks Incorporating Organic Wastes Materials: A Review and Comparative Study	Aneesa S, Akshaya Ratheesh, Adeeba S, Aiswarya Ganga G, Robin David, Thoufeek NA
6	Analysis of Road Traffic Crashes in the Narayanghat to Mugling Road Segment in Nepal	Om Prakash Giri
7	A Study about Internal Factors Leading to an Ambidextrous Organization (Specific Industries)	Senjuti Goswami, Sandeep Poddar, Qalb-E-Hussain

15:00-17:00 Session III : Open paper Session: Sustainable Environment

Chairpersons:

Dr. Faridah Mohd Said, Professor & Postgraduate Coordinator Faculty of Nursing Lincoln University College, Malaysia

Dr Prantosh K. Paul, Department of Computer and Information Science Raiganj University, Raiganj, West Bengal, India

1	The Gender Differences In Emotional Competence Among Obese Young Adults In India	Ranjini Karthikeyan , Amiya Bhaumik
2	Integration of Digital Technology in Public Health, Post Covid-19 Era, in Nigeria	Murtala Haruna Bawan Allah, BintaGarba Bello
3	A Survey: Energy Efficient Routing Protocols in Internet of Things(IoT)	Naveen G , Joe Prathap P M
4	Computational Biology Tools towards exploring the interaction between Natural Compounds against Breast cancer receptor	Sherman Ryner Suhaibun, Asita Elengoe

5	Security Enhancement System Using WebBased	Ankit Chaturvedi, Chirag Singh, P Muthusamy
6	Review of Medical and Personal Protective Equipment Sterilization Technologies used in the Fight against COVID-19	Robin David, Akshay P, M Gururajasagar, Mohammed Arif, Nandhu. H, Sona S
7	Impact of Amiodarone on Sitagliptin's Pharmacokinetics in Animal Models	Jyotsna Pandit Khedkar, ShreemoyKanti Das, Prashant Suresh Salunk
8	Carbon nanomaterial of the Future! Graphene in Review	Hari Shankar Biswas
9	Handling Outliers and Overfitting For Cancer Disease Prediction Through Neural Network Clustering	Christopher Francis Britto, Divya Mithunchakkarvarthy
10	In An Experimental Animals, The Effect of Bosentanon The Anti-diabetic Effect of Sitagliptin	Prashant Suresh Salunke, Sreemoy Kanti Das, Jyotsna Pandit Khedka
11	Prevalence and Factors Associated with Use of Herbal Medicines During Pregnancy at Ciwaruga Public Health Center, Indonesia	Fardila Elba, Dani Hilmanto, Sandeep Poddar
12	Evaluation of Functionaly and Usability Case Tracing Information System (Silacak App) Covid-19 in Indonesia	Cecep Heriana, Faridah Binti Moh Said

23rd April 2022 (Saturday)

Time :05:00 am (Italy), 8:00 am (Pakistan) 08.30 am (India) 08:45 am (Nepal) 9.00 am (Jakarta) 9:30am (Myanmar); 11:00am (Malaysia)

11:00 -
13:00hrs

Session I : Open paper Session : Sustainable Materials

Chairpersons :

Dr Tejaswini Kar, School of Electronics Engineering, KIIT, India

Robin David, Department of Mechanical Engineering, Vidya Academy of Science and Technology Technical Campus, India

1	Investigation of Hydroforming Pressure by Analytical and Simulation of Tubular Specimens	Mohamed Fayas Saffiudeen, Abdullah Syed, Fasil T. Mohammed, Mohammad Nizamuddin Inamdar
2	Numerical Simulation of $\text{CH}_3\text{NH}_3\text{Bi}_3(\text{B: Pb, Sn, Ge})$ Based Perovskite Solar Cell	Youssef Haddout, Assiya Haddout, Mustapha Sahal
3	Effect of Carbon Quantum Dots Doping on the Photovoltaic Performance of Inverted Type Organic Solar Cells Based on P3HT:PCBM	Nour Attallah Abdelrahim Issa, Chi Chin Yap, Mohammad Hafizuddin Hj Jumali
4	Identification of the products from reduction of nitrobenzene using Silver Nanoparticles Immobilized onto Rice Husk - SiO_2 - Aminopropylsilane	Nur Farah Natasyah Binti Mohamed Faizal, Nadiah Binti Ameram, A. Arlina, Teo Pao Ter, Nik Alnur Auli Nik Yusof, Noor Fazliani Shoparwe, Jamil Mohamed Sapari
5	Intercalation and Characterization of Zinc Oxide with 2-methyl-4-chlorophenoxyacetic Acid and its Effect on Seed Germination	Nur Fatin Aqilah binti Mahathir
6	Effect of Nitrogen Deficiency and UV Light on <i>Dunaliella salina</i> -carotene Production	Kevin, Arief Widjaja
7	Exciton-Phonon Interaction in $20\text{Li}_2\text{O-xBi}_2\text{O}_3 - (78-x)\text{TeO}_2 - 1\text{Er}_2\text{O}_3 - 1\text{Ag}$ Glasses	M. S. Sutrisno, R. Hisam
8	Water Contamination removal by "Manganese associated Graphene Oxide nanosheet"	Hari Shankar Biswas, Abir Ghosh, Sandeep Poddar
9	Experimental Study on the Bearing Capacity of Different Specimen with Geo-grid Reinforced Foundation Base	Sanjaya Kumar Jain, Mohammed Saleh Nusari, Purushotam Dangol, Indra Prasad Acharya, Rajyaswori Shrestha
10	Facial Grafting: An Application of Facial Beautification	Payal Bose, Samir Kumar Bandyopadhyay, Amiya Bhaumik, Sandeep Poddar

11	Buckling of Cold-Formed Steel Built-up Box Columns Under Compression	Thu Ya Mon, Janani Selvam
12	Numerical Simulation of an Earth Abundant and Non-toxic Thin Film Solar Cell	Assiya Haddout, Mounir Fahoume, Mohamed Lharch, Abderrahim Raidou
13	Pre-Processing Techniques to Facilitate Better Detection of Breast Abnormalities Using Digital Mammogram	Sangita Bhattacharjee, Sandeep Poddar, Amiya Bhaumik, Indra Kanta Maitra, Dewi Susanna, Andrew Ware
14	A Leap Towards Environmental and Economic Friendly Concrete Having Locally Available Lathe Waste Steel Fibers as Fiber Reinforcement	Fawad Ahmad, Mohammad Saleh Nusari

13:00-14:00 Lunch

14:00 -15:10 Session II : Plenary Lectures

Chairpersons :

Dr. Tahira Qureshi, Government College University, Hyderabad, Sindh, Pakistan

Ts Dr. Asita Elengoe, Faculty of Science, Lincoln university College, Malaysia

Plenary Lecture I

Honorary Speakers :

How the analytical chemists can face the Sustainable Developments in their research activity: design of sustainable (bio)sensors.

Assoc Prof. Fabiana Arduini

Department of Chemical Science and Technologies

University of Rome "Tor Vergata", Rome, Italy

Plenary Lecture II

Synthesis & Characterization of Phenoxy Group Herbicide Intercalated with Calcium-Aluminium Layered Double Hydroxide and its Controlled Release Formulation

Assoc Prof Dr Sheikh Ahmad Izaddin Sheikh Mohd Ghazali

School of Chemistry and Environmental Studies. Faculty of Applied Sciences

Universiti Teknologi MARA, Malaysia

15:10-17:00

Session III : Open Paper Session: Sustainable Materials

Chairpersons :

Dr. Hari Shankar Biswas, Surendranath College, Kolkata, India

Dr. Mohammad Nizamuddin Inamdar, Faculty of Engineering, Lincoln University College, Malaysia

1	Introduction of "Cold Mix Asphalt" as a Sustainable & Green Construction Method to Sri Lankan Roads Constructions	H. M. Udaya Kumara Rathnayake
2	A Facile Strategy for Formation of The Cellulose Nanospheres	Nur KhairunAtiyahSagee Ahmad, Sharifah Nabihah Syed Jaafar, Mohd Firdaus-Raih, Doris Huai Xia Quay
3	Comparative Analysis of Power efficient High Speed Parallel Prefix Adders	Sarna Namratha, BarlapallyBalreddy, Aylapogu Pramod Kumar
4	3D Printing Applications during the Covid-19 Pandemic in Medical Device Manufacturing: An Overview	Robin David, Abilash T, Ananthu M S, Goutham Krishna U, Hari Sankar M S, Abin B
5	Review on Recent advances in Optical Amplifiers for Mode Division Multiplexing(MDM) Transmission System	Deepika Sasi, Chandhu C B
6	Configured Design for Image Down Scalingusing Bilinear Interpolation	Adavelly Naveen Reddy, Betha Madhav Reddy, Mohammad Shahid, S. Sujana, J. V. R. Ravindra
7	Assessment of Empty Pesticide Container Disposal and Its Effect on Environment and Human Health	Ko Kolatt, Sui Reng Liana, Sandeep Poddar, Aniya Bhaumik
8	Bioplastics from Kitchen Wastes : A Sustainable Green Technology	Ruma Poddar, Debajyoti Bose, Sheikh Ahmad Izaddin Sheikh Mohd Ghazali
9	Iron Magenetic Nanoparticle and Myelodysplasia	Sandeep Poddar
10	UV-visible and cyclic voltametry study on hydrogenated diamond-like carbon	Hari Shankar Biswas, Jaganath Datta, Sandeep Poddar
11	Bougenville Flower (<i>Bougainvilleae spectabilis</i> WLLD) extract (in vitro) activity test as Sun cream	Ni Nyoman Yuliani, Siswando Siswando, Tristiana Erawati, Jefferin Sambara, Yulius Korassa, Sandeep Poddar
12	Biolubricant Issues and Challenge	Ruma Poddar, Sandeep Poddar, Ahsan Habib

17:00 hrs

Valedictory Session

**Tentative program subject to change*