

# GLOBAL SUSTAINABILITY CONFERENCE GSC 2021

ORGANISED BY ADVANCED COMPUTING RESEARCH SOCIETY

19th April 2021

## INAUGURATION AND KEYNOTE LECTURE

Indian Standard time	PROGRAMME	SPEAKERS
10.00 AM	PRAYER	Ms.Krishnaveni, Member
10.05 AM	WELCOME ADDRESS	Dr.G.Geetha, CEO
10.15 AM	ABOUT GSC 2021	Shri Sivakumar, Secretary
10.25 AM	INTRODUCING KEYNOTE SPEAKER	Dr.G.Geetha, CEO
10.30 AM	KEYNOTE SPEECH	Shri Ashwani Saxena, Chairman at The Institution of Engineers (India) Sustainable Development Forum

## PAPER PRESENTATIONS

TIME	PAPER ID	PAPER TITLE	AUTHORED BY
11.00 AM	Paper 12	A review on evolutionary and hereditary traits of an Albatross and its aerodynamic optimality	Bilji C Mathew, Prantik Dutta, Rushikesh Savale and J V Muruga Lal Jeyan
11.15 AM	Paper 17	A comprehensive study of different NACA series wings with computational and wind tunnel analysis	Bilji C Mathew, Muruga Lal Jeyan J V, Chekuri Sai Krishna Raju, Dinesh Vagicharla, Venkata Sri Harsha Madem, Kothem Narendra Naidu and Kotha Naga Siddhardha
11.30 AM	Paper 18	A review on Compliant Mechanism and Origami usage in Aerospace and Space Application	Bilji C Mathew, Vishal Bharat Patil, Anil Chamoli, Muskan Raikwar, Harparlad Singh and Mahesh Singh Negi
11.45 AM	Paper 21	Mycoremediation by <i>P. ostreatus</i> mycelium	Aditi Bhatnagar, Ekant Tamboli and Abha Mishra
12:00 PM	Paper 9	Time Series Analysis of Rainfall Variability at North Jordan: A Case Study at Yarmouk River Basin	Reem Al Daraïen and Dima Al Atawneh
12.15 PM	Paper 22	Qualitative Evaluation of Pedestrian Facilities using the PLOS Model	Harsimran Kaur, Paramjit Singh, Bivina G R and Akhil Nawani
12.30 PM	Paper 23	Land use/land cover change assessment of Kosasthalaiyar sub basin using remote sensing and GIS	John Alexander
12.45 PM	Paper 25	A Microclimatic Study of Urban Neighbourhood Parks	Akhil Nawani and Harsimran Kaur

## LUNCH BREAK

TIME	PAPER ID	PAPER TITLE	AUTHORED BY
2.00 PM	Paper 26	Relationship between the water storage and cultivated area in the dry season in Lam Pao Operation and Maintenance Project	Sathit Luangcharoenlarp and Arpapong Changjan
2.15 PM	Paper 34	The modification of dry season cropping pattern with the maximum net income possibility in Lam Pao operation and maintenance project, Kalasin province	Sathit Luangcharoenlarp and Arpapong Changjan
2.30 PM	Paper 36	Are Tourists Environmentally Responsible at Manali? An Empirical Exploration	Naveen Ramachandran
2.45 PM	Paper 39	Evolution of Agritech Business 4.0 – Architecture and Future Research Directions	Eashwar S and Paras Chawla
3.00 PM	Paper 43	Importance of Cytochrome P450 gene family from metabolite biosynthesis to stress tolerance: A review	Namrata Laffaru Singpho
3.15 PM	Paper 46	Honey Significance of forest lands in south Uzbekistan	Nafisa Atamuratova, Rashida Mukhamatanzova and Khasan Buriev
3.30 PM	Paper 47	Natural Microalgae Biofilm As A Tool To Clean-Up Mining Wastewater	Shivam Gupta, Shubham Kumar, Pawan Kumar Meena and S. Anbu Kumar
3.45 PM	Paper 48	Breeding of Vicia faba L. in relation to drought resistance	Yulia Kurkina, Violetta Klueva, Irina Batluckaya, Kristina Degtyareva and Olesya Makanina
4.00 PM	Paper 49	Design and development of hybrid turbine to extract energy from renewable energy sources	Pisseey Ravi Teja, Pathakottu Nikhil Sai, Pakki Mohanraj Kumar and Vishnu Kumar
4.15 PM	Paper 33	The role of autonomous robots in fourth Industrial revolution as an approach of sustainable development goals (SDG 9 ): Industry, innovation and infrastructure in handling the effect of covid-19 outbreak	Noralfishah Sulaiman and Nur Putri Najwa Mahmud