

School of Applied Sciences in collaboration with

INTI International University, Malaysia

SAN BEDA UNIVERSITY, Philippines

PUKYONG NATIONAL UNIVERSITY, South Korea

4th International Conference on “Global Trends in sustainable technology and its application in Applied Sciences” on 24th and 25th of October 2024.

Program Schedule			
Day 1: 24 th October 2024			
Timings	Program		Venue
8:30 to 9:10 AM	Registration		Science Block, REVA University
9:15 to 9:45 AM	Inauguration Live Streaming link: https://tinyurl.com/5a59fzfh		Chanakya Auditorium, RBS Block, REVA University
Session-I			
Keynote Address			
9:45 to 10:45 AM	Title of the talk: The Potential and Challenges of Microalgae Biofuel Production	Session Chair Dr. Ashoka S Assoc. Prof. Dept. of Chemistry, SOAS	Chanakya Auditorium RBS Block https://tinyurl.com/5a59fzfh
	Dr. Lam Man Kee Professor, Chemical Engineering Department, Universiti Teknologi PETRONAS Persiaran UTP, 32610 Seri Iskandar, Perak, Malaysia	Welcome Address Dr. Ramaraghavulu Asst. Prof. Dept. of Physics, SoAS	
		Vote of Thanks Dr. Prabhakar Mishra Assoc. Prof. Dept. of BT, SoAS	
10:45 to 11:15 AM	Tea break		Science Block
Plenary talk -1			
11:15 AM to 12:15 PM	Title of the talk: Innovation and entrepreneurship ecosystem at educational institutions: University of Hyderabad as a case study	Session Chair Dr.Santosh Anand Assoc. Prof. Dept. of BT, SoAS	Chanakya Auditorium, RBS Block https://tinyurl.com/5a59fzfh
		Welcome Address Dr. P. Visweshwar Rao	

	Prof. Pallu Redanna Emeritus Professor University of Hyderabad, Hyderabad, Andhra Pradesh	Assoc. Dean, SoAS	
		Vote of Thanks Dr. Madhusudan Reddy Head, Dept. of Chemistry, SoAS	
12.15 to 12.25 PM	Sponsors Presentation Lab India PVT Lmtd		Chanakya Auditorium, RBS Block https://tinyurl.com/5a59fzf fh
Plenary talk -2			
12:30 to 1:15PM	Title of the talk: Degradation of HDPE and LDPE plastic using indigeneous bacteria from mangrove sediment: A sustainable approach	Session Chair Prof. Renuka Madhu Assoc. Prof. Dept. of BT, SaAS	Chanakya auditorium, RBS Block, REVA University https://tinyurl.com/5a59fzf zfh
	Dr. Jayanthi Barasarathi, Assosciate Professor, INTI International University, Malaysia	Welcome Address Dr.Senthilkumar R Assoc. Prof. Dept. of BT, SoAS	
		Vote of Thanks Dr. Sunitha Head, Dept. of Physics, SoAS	
1:15 to 2:00 PM	Lunch Break		
Session-II			
Plenary talk -3			
2.00 to 3:00 PM	Title of the talk: Halogen Bonding in Cell Membrane Transport	Session Chair Dr. Nagendra G Asst. Prof. Dept. of Chemistry, SoAS	Chanakya auditorium, RBS Block, REVA University https://tinyurl.com/5a59fzf zfh
	Dr. G. Mugesh Professor Chemical Sciences Indian Institute of Science Bangalore	Welcome Address Dr. Gitanjali Pradhan Asst. Prof. Dept. of Chemistry, SoAS	
		Vote of Thanks Dr. Ashoka S Assoc. Prof. Dept. of Chemistry, SoAS	

Technical Session				
Time	Poster Presentation		Oral Presentation	
3:00 to 4:00 PM	Biotechnology In Charge Faculty: Dr. Santharam Katta Assoc. Prof. Dept. of BT, SoAS https://tinyurl.com/4dch9ahw	Rangasthala, Swami Vivekananda Block, REVA University	Biotechnology InCharge Faculty: Dr. Manjula KR Prof. Dept. of BT, SoAS	Junjappa Seminar Hall, SOAS, Science Block Audience: Biotechnology Link1: https://tinyurl.com/mr42nkme Link2: https://tinyurl.com/6vjx6pzh
	Physics In Charge Faculty: Dr. Muniratnam Assoc. Prof. Dept. of Physics, SoAS		Physics In Charge Faculty: Dr. Deepak. K Assoc. Prof. Dept. of Physics, SoAS	APJ Abdul Kalam Hall SOAS, Science Block Audience: Physics https://tinyurl.com/mtxkrj3j
	Chemistry In Charge Faculty: Dr. S. Shivakumara Assoc. Prof. Dept. of Chemistry, SoAS https://tinyurl.com/msjsjtxu		Chemistry InCharge Faculty: Dr. Lakshmi.B Prof. Dept. of Chemistry, SoAS	Library Seminar Hall, Central Library Audience: Chemistry https://tinyurl.com/5n82mkwr
4:00 to 4:30 PM	Tea & Biscuits			Science Block

Day: 2 25 th October 2024			
Session-III : Biological Sciences (Parallel Sessions)			
9:00 AM to 10:00 AM	Title of the talk: Discovery of a new syndrome by integrating human molecular genetics, stem cells and pre-clinical models	Session Chair Dr. Nethravathi V Assoc. Prof. Dept. of BT, SoAS	Junjappa Seminar Hall, Science Block Audience: Biotechnology departments https://tinyurl.com/52255er4
	Dr. Dhandapany Perundurair Associate Professor and Scientist F, Institute for Stem Cell Biology and Regenerative Medicine, Bengaluru	Welcome Address Dr. Senthil Kumar R Assoc. Prof. Dept. of BT, SoAS	

		Vote of Thanks Dr. Guruprasad NM Asso. Prof. Dept. of BT, SoAS	https://tinyurl.com/2ue2wdn8
10:00 to 11:00 AM	Title of the talk: ER stress linking mitochondrial fission and turnover	Session Chair Dr. Manjula KR Prof. Dept. of BT, SoAS	
	Dr. Subba Rao Gangi Setty Professor, Dept. of Microbiology & Cell Biology, Indian Institute of Science, Bangalore	Welcome Address Dr. V Damodhara Reddy Assoc. Prof. Dept. of BT, SoAS	
		Vote of Thanks Dr. Ramya M Asso. Prof. Dept of BT, SoAS	
11:00 to 11:30 AM	Tea Break		Science Block, SOAS, REVA University
Session-IV : Physical and Chemical Sciences (Parallel Sessions)			
9:00 to 10:00 AM	Title of the talk: In search of facile and sustainable novel renewable energy materials for solar energy harvesting	Session Chair Dr.Mahipal Ranot Assoc. Prof. Dept. of Physics, SoAS	APJ Abdul Kalam Hall, Science Block https://tinyurl.com/y8fmr2z2
	Dr. Harish Barshilia Chief Scientist and Head, Surface Engineering Division, CSIR - National Aerospace, India	Welcome by Dr.Muniratnam K. Assoc. Prof. Dept. of Physics, SoAS	
		Vote of Thanks Dr. Lavanya D. R. Asst. Prof. Dept. of Physics, SoAS	
10:00 AM to 11:00 AM	Title of the talk: Probing materials with Mega Science Facilities	Session Chair Dr. Upendra Kumar K. Prof. Dept. of Physics, SoAS	
	Dr. P D Babu Centre Director UGC-DAE CSIR, Mumbai Centre	Welcome Address Dr. Subrata K. Asst. Prof. Dept. of Physics SoAS	
		Vote of Thanks Dr.Pramodini S. Asst. Prof. Dept. of Physics, SoAS	
11:00 AM to 11:30 AM	Tea Break		Science Block, SOAS, REVA University
	Technical Session (Physics and Chemistry)		

Conference website: <https://nakc00l.github.io/ICGTSTAS-24/index.html>

11:30 PM to 1:00 PM	Poster Presentation		Oral Presentation		
	Biotechnology InCharge Faculty: Dr. Santharam Katta Assoc. Prof. Dept. of BT, SoAS	Rangasthala. Swami Vivekananda` Block	Biotechnology InCharge Faculty: Dr. Manjula KR Prof. Dept. of BT, SoAS	Junjappa Seminar Hall, Science Block	
	Physics InCharge Faculty: Dr. Muniratnam. K Assoc. Prof. Dept. of Physics, SoAS		Physics InCharge Faculty: Dr. Deepak. K Assoc. Prof. Dept. of Physics, SoAS	APJ Abdul Kalam Seminar Hall, CV Raman Block	
	Chemistry InCharge Faculty: Dr. S. Shivakumara Assoc. Prof. Dept. of Chemistry, SoAS https://tinyurl.com/3k7n36hd		Chemistry In Charge Faculty: Dr. Lakshmi. B Prof. Dept. of Chemistry, SoAS	Library Seminar hall, Central Library https://tinyurl.com/3ke2z3tb	
1.00 to 2.00 PM	Lunch Break			To be decided	
Session-V (Common for all streams)					
2.00 to 3.10 PM	Title of the talk: Designing a greener energy conversion system for a sustainable future		Session Chair and welcome by Dr. DH Nagaraju Prof. Dept. of Chemistry, SoAS		Chanakya Auditorium, RBS https://tinyurl.com/33a5h32p
	Dr. Tharamani, Professor & Head, Chemistry IIT -Ropar		Vote of Thanks Asst. Prof. Dept. of Physics, SoAS		
Valedictory Session					
3:00 to 4:00 PM	Chief Guest Dr. P D Babu Scientist, UGC-DAE, CSR, Mumbai Centre			Chanakya Auditorium, REVA Business School (RBS), REVA University	
	Welcome Address Dr. P Visweswara Rao Assoc. Dean, SoAS			https://tinyurl.com/23j423v2	
	Vote of Thanks Dr. Sunitha D V Head, Dept. of Physics, SoAS				

**4.00-4.30
PM**

Certificate distribution & High Tea, Science Block Entrance