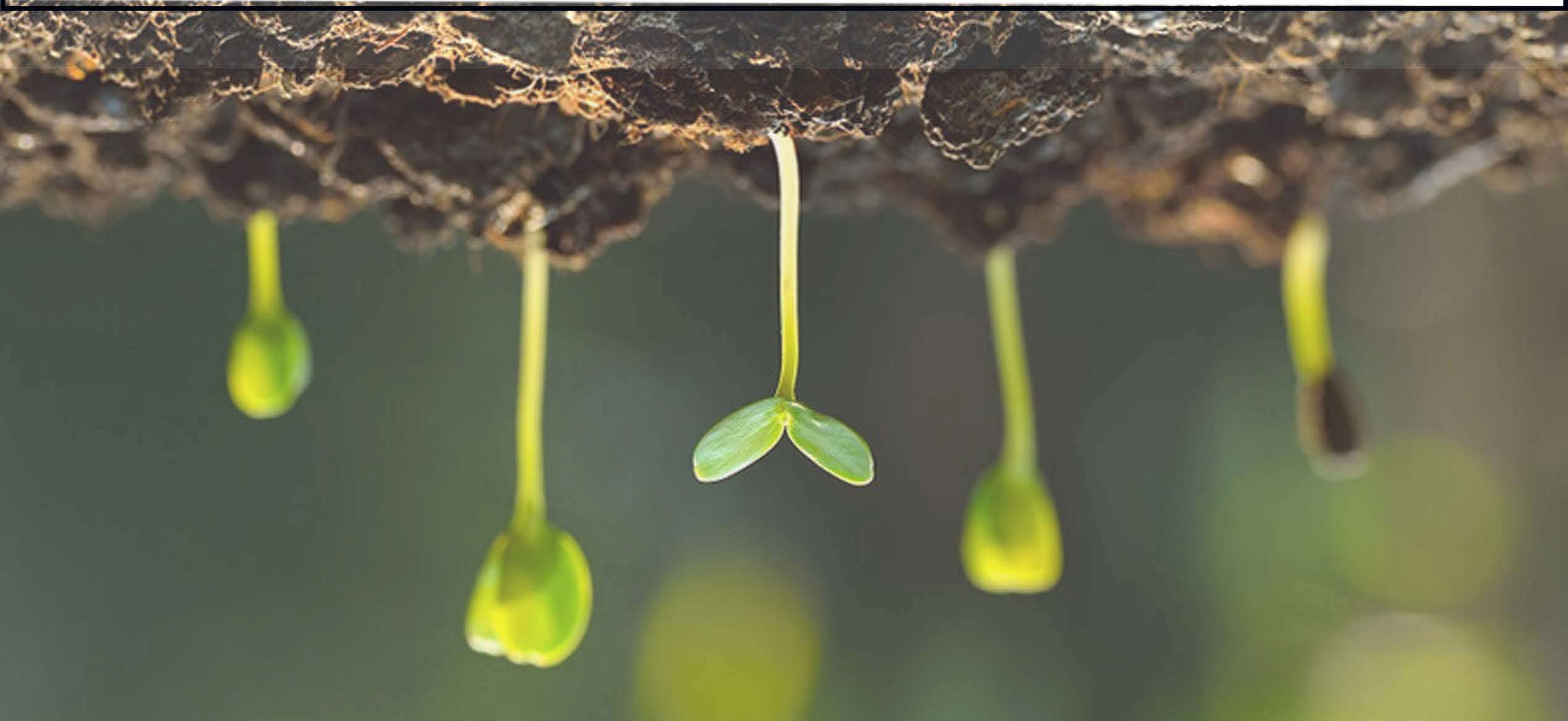




**RCSS**  
RAJAGIRI COLLEGE OF  
SOCIAL SCIENCES  
(AUTONOMOUS)

**10,11 January 2024**

**Sustainable Development Goals (SDGs):  
Life Science Perception**







## THEME

### Life Sciences

Life Sciences subjects such as biology, medicine, and public health are essential for understanding and treating diseases and promoting healthy behaviours and lifestyles (SDG 3). Agriculture and food science are important Life Sciences subjects that can sustainably produce foods ensuring food security (SDG 2). Other Life Sciences, such as ecology and conservation biology, are essential for understanding and preserving the world's biodiversity (SDG 15). Life Sciences subjects are also essential for promoting sustainable development by studying and developing renewable energy sources (SDG 7), by developing new technologies and infrastructure to promote economic growth and Innovation (SDG 9), by promoting sustainable consumption and production to reduce waste and minimize environmental impact (SDG 12), and by protecting our oceans and marine life to promote sustainable use of ocean resources (SDG 14).

**The Sub-themes include and are not restricted to:**

- Food, Nutrition and Human Health
- Sustainable Agriculture and Food Systems
- Biodiversity Conservation and Management
- Renewable Energy and Clean Technologies
- Climate Change Adaptation and Mitigation

### DEPARTMENT OF BIOSCIENCES

Department of Biosciences is a multidisciplinary research institute that aims to uplift the life of poor people and rural farmers through modern scientific research and extension activities. It encompasses major domains of biosocial sciences research,

Major research areas

- Plant biotechnology
- Genome editing
- Ethnopharmacology
- Phytochemistry
- Mushroom cultivation
- Microbiology and probiotic research
- Training and extension activities





## Keynote Speakers



**Prof. Honey John** is a professor at the Department of Polymer Science and Rubber Technology, CUSAT and holds the honorary Directorship of the Inter-University Center for Nanomaterial and Devices (IUCND), CUSAT. Before joining CUSAT, as a professor, she initially served as a reader and later moved her way up to Associate professor in the Department of Chemistry, Indian Institute of Space Science and Technology (IIST), Trivandrum. Her

Her current research areas are polymer nanocomposites for triboelectric and piezoelectric nanogenerators, conducting polymer/graphene hybrids, Photocatalysis: super hydrophilic surfaces/self-cleaning surfaces; Magnetic nanohybrids, nanohybrids for hydrogen evolution reaction and supercapacitor application and development of green tyre thread compound.

She has handled many research projects sponsored by different Govt funding agencies and industrial collaborations namely RUSA, ISRO-Respond, DST-SERB, WoS A, KSCSTE-THEJO and DRDO. She has made significant research contributions with 89 journal articles, 1 granted patent, 3 filed patents, 10 book chapters, a counting h-index of 20 and an i10-index of 37. She is currently serving as the editor of Results in Engineering, Elsevier Publisher, and as a reviewer for many top-tier international journals.

She has been deemed worthy of several esteemed awards and honors. A few of them are Academic Excellence Award in DRDO Awards 2020, Women Scientist Fellowship by the Department of Science and Technology, Govt. of India in 2006, Young Scientist Award 2003 at 15th Kerala Science Congress at Thiruvananthapuram, Kerala. She was also listed in the book 'Women Achievers in Science' published by Department of Science and Technology, Kerala State in 2012.



**Dr. Parimelazhagan Thangaraj** is currently working as a Professor and Head of the Department of Botany, Bharathiar University, Tamil Nadu. He is known for his expertise in phytomedicine and bioprospecting of medicinal plants. Parimelazhagan completed his graduation (1990–1993) from St. Joseph's College (Autonomous), Trichy and PhD from Bharathiar University under the guidance of Prof. K. Francis. After, he joined as a Scientist at

Defence Research & Development Organization, Ministry of Defence, Ladakh. He has also worked as a Scientist at Rubber Research Institute of India, Ministry of Commerce, Meghalaya. He was awarded the prestigious Raman Fellowship for Post-Doctoral Research in 2014 for Indian scholars in the Dept. of Pharmaceutical Sciences, College of Pharmacy, University of Hawaii by University Grand Commission, Govt. of India. His innovative research outcomes were converted into patents. He also has many national and international awards to his credit. He has more than 110 research publications in international and national peer-reviewed journals.



# Keynote Speakers



## **Dr. Anas Abdulaziz**

An environmental biotechnologist with more than twenty years of research experience in studying host-microbe interactions in the marine ecosystems. Pioneered in implementing citizen science and water clinics for equipping people living in coastal villages of India to monitor the water quality. Dr. Anas received his PhD in Environmental biotechnology (2006) and post-graduation in environmental studies (2000) from Cochin University of Science and Technology, Kerala India. He completed his postdoctoral research in nanobiotechnology at National Institute of Advanced Industrial Science and Technology (AIST) Japan. Dr. Anas started his career as assistant professor in marine biotechnology at Cochin University of Science and Technology. Currently he is serving as a Principal Scientist at CSIR-National Institute of Oceanography Cochin. He is subject Expert (Marine Microbiology) for India, contributing to the Second Cycle of UN Regular Process for Global Reporting Assessment of the State of the Marine Environment. He is the Indian project leader of India-UK Collaborative research projects REVIVAL and PODCAST. This collaborative research leads to the formation of an online platform ONWARD (Open Network for Water-Related Diseases) onwardnetwork.net. He has made significant research contributions with more than 100 journal articles with a counting h-index of 22 and an i10-index of 41.



**Dr. M. Ayyanar** is working as an Assistant Professor in the Department of Botany, A.V.V.M. Sri Pushpam College (Affiliated to Bharathidasan University, Tiruchirappalli), Poondi, Thanjavur, Tamilnadu, India. He completed his graduate degrees from Madurai Kamaraj University and doctoral degree from University of Madras. His research interest is in the field of plant taxonomy and plant-based drug research. He was awarded Senior Research Fellowship by ICMR in 2007, Post Doctoral Fellowship by UGC in 2009, and

Young Scientist by DST-SERB in 2013. He has figured in the list of the World's Top 2% of influential scientists released by Stanford University for the years 2021 and 2022. He has published 77 research articles in SCI/Scopus-indexed journals, contributed 10 book chapters published by reputed publishers and co-authored two books.



**Dr. Krithika Anbazhagan** is presently working as a Researcher at the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) Hyderabad, Telangana, India. For over a decade, she has been working in several different projects related to the Sustainable Development Goals (SDGs). She received her Ph.D. in Genetics from Osmania University, Hyderabad, Telangana, India in 2016. She has published more than 10 articles in well-reputed peer-reviewed journals. She secured Department of Science & Technology (DST) Woman Scientist in 2022 and National Postdoctoral Fellowship in 2017, and PhD Research Fellowship in 2008 from the Council for Scientific and Industrial Research (CSIR), Govt. of India.





## Our Partner

**Inter University Centre for Nanomaterials and Devices (IUCND)** is a Government of Kerala initiative established in September 2009 and officially inaugurated on 7th January 2010 by Dr. Zhores Alferov, (Nobel laureate in Physics, 2009) at Cochin University of Science and Technology (CUSAT). IUCND was established with the view to provide state of the art infrastructure to support research and development in various sectors of nanotechnology and also provide collaborative research involving academia and industry. Research in different areas is going on at the department under the guidance and co-guidance of faculties associated with IUCND. The scholars at the center work on the fast-growing areas like energy harvesting and storage, where the major research focusses on the material development for solar cells, supercapacitors, triboelectric nanogenerators, hydrogen production, etc. The development of self-powered sensors, thin film transistors, etc. are progressing under the supervision of experts in the respective fields. Similarly, the development of nanomaterial based clean pesticides, water purification, self-cleaning surfaces, etc. which comes under the environmental remediation is also among ongoing works.

**For more details, please visit our website  
[www.conference.rajagiri.edu/icmas](http://www.conference.rajagiri.edu/icmas)**





## Call for Papers



Abstracts based on original research and practice models are invited for the following

- Oral Presentation
- Poster Presentation

## Important Dates & Deadlines



Last date of Early Bird Registration	10th December 2023
Last Date of Abstract Submission	30 <sup>th</sup> November 2023
Notification of Abstract Acceptance	Within 15 Days of Abstract Submission
Last Date of Full Paper Submission	15 <sup>th</sup> December 2023

## Registration Fees



Category	Early/Spot	Late/Spot
Foreign professionals/ Academicians	\$ 350	\$ 400
Foreign Students	\$ 250	\$ 300
SAARC Countries Professional/ Academicians	Rs. 10000	Rs. 10500
SAARC Countries Students	Rs. 8000	Rs. 8500

## Guidelines for Abstract



- The abstract should be within 300 words of text including the title and keywords (MS Word Doc.)
- The text should be arranged according to the following headlines: Objectives, Design, Model, Result and conclusion.
- The title page of the abstract should include the Title of the paper, Author's name, designation, institution affiliation, mailing address, contact number and email id.
- It is essential that you specify the Theme and Subtheme to which your abstract pertains when submitting it.
- The Abstract should be submitted through the website:

[www.conference.rajagiri.edu/icmas](http://www.conference.rajagiri.edu/icmas)

## Mode of payment



Account name :Rajagiri College of Social Sciences, Kalamassery  
Account No. :0224053000005056  
Bank :South Indian Bank  
IFSC/NEFT Code :SIBL0000224

Registration fee includes (Accommodation (during conference days), breakfast, lunch, tea, dinner & conference kit)

## Publication

Selected papers presented in the conference may be considered for publication in Scopus-indexed journals/ proceedings after due review process

## Contact Details

### International Conference & Partners meet

Rajagiri College of Social Sciences (Autonomous) & Rajagiri Business School  
Cochin - 683104, Kerala, India

E-mail: [intlcon2024@rajagiri.edu](mailto:intlcon2024@rajagiri.edu)

## Registration Fees



Category	No:of Conference Days	Early Bird	Late/Spot
Indian Professionals/ Academicians	4 days	* Rs. 4000	Rs. 4500
	3 days	* Rs. 3000	Rs. 3500
	2 days	* Rs. 2000	Rs. 2500
	1 day	** Rs. 1000	Rs. 1500
	Half Day	** Rs. 600	RS. 900
Indian Students	4 days	* Rs. 3500	Rs. 4000
	3 days	* Rs. 2500	Rs. 3000
	2 days	* Rs. 1500	Rs. 2000
	1 day	** Rs. 750	Rs. 1250
	Half Day	** Rs. 500	Rs. 800

\* Registration fee includes (Breakfast, lunch , tea, dinner & Conference kit)

\*\* Conference kit won't be provided for those who are attending Half day & one day conference.

For half day session tea, Lunch/dinner will be provided as applicable