

3rd International Symposium on Advances in Algal Research (AAR-2025)

RCSS, Kochi | November 3-4, 2025 | Venue: Rajagiri Business School, Kakkanad, Kochi - 682 039

PROGRAM

DAY 1: 3 rd November 2025		
08:00-09:00	Registration & Breakfast Registration Venue: Conference Hall, 3 rd Floor, RBS Building Breakfast Venue: LH7/GLC, 4 th Floor, RBS Building	
09:00-10:00	Inaugural Session & AAR 2025 Awards Presentations Venue: Conference Hall, 3 rd Floor, RBS Building	
10:00 – 11:30	IL Session I Venue: Conference Hall, 3 rd Floor, RBS Building Chair: Vaibhav V Goud	
10:00 – 10:18	IL001	K. Krishnamurthi , CSIR-NEERI Nagpur <i>Algal-Based CO₂ Sequestration from Industrial and Ambient Sources</i>
10:18 – 10:36	IL002	Anushree Malik , IIT Delhi <i>Diatoms: Nature's gem fishing out silica for valorizing to mesoporous nano-silica and platform chemicals</i>
10:36 – 10:54	IL003	Krishna Mohan Poluri , IIT Roorkee <i>Molecular Insights into Integrated Pollutant detoxification and Value-added Product generation by microalgae for Sustainable Biorefinery</i>
10:54 – 11:12	IL004	Monika Prakash Rai , MNNIT Allahabad <i>Microalgae Biorefinery in Co-production of Lipids and Carotenoids with the Valorization of Residual Biomass to Carbon-Dot Synthesis</i>
11:12 – 11:30	Q&A Session	
11:30– 12:00	Poster Session with Tea Break & Networking Venue: Samanwaya Hall, 5 th Floor, RBS Building	
12:00 – 13:10	IL Session II (Parallel Session) Venue: Conference Hall, 3 rd Floor, RBS Building Chair: Nilotpala Pradhan	
12:00 – 12:18	IL005	Mona Sharma , Central University of Haryana, Mahendragarh <i>Phycobiliprotein Quantification in <i>Leptolyngbya gelatinosa</i> and <i>Chroococcidiopsis thermalis</i> using Abiotic Engineering Approach</i>
12:18 – 12:36	IL006	Soumya Sasmal , Visva-Bharati, Santiniketan <i>Algal Bioactive as Modulators of Rheology and Stability in Complex Food Matrices: Insights into Protein Interactions and Emulsion Dynamics</i>
12:36 – 12:54	IL007	Kuppam Chandrasekhar , Vignan's Foundation for Science Technology & Research University, Guntur <i>Algae-Fortified Foods and Nutraceuticals Focus (Synthesis and Co-products)</i>
12:54 – 13:10	Q&A Session	
12:00 – 13:10	IL Session III (Parallel Session) Venue: Concordia Hall, 5 th Floor, RBS Building Chair: V. Himabindu	
12:00 – 12:18	IL008	Kit Wayne Chew , Nanyang Technological University, Singapore <i>Microalgae with artificial intelligence: A perspective on biotechnology for bioproducts</i>
12:18 – 12:36	IL009	Panneerselvam Ranganathan , NIT Calicut <i>Techno-economic analysis of algal biorefinery for biofuels and value-added products</i>
12:36 – 12:54	IL010	Manohar Cathrine Sumathi , CSIR-National Institute of Oceanography, Goa <i>Metagenomic understanding of seaweed associated bacterial communities and their importance in seaweed physiology, cultivation and processing</i>
12:54 – 13:10	Q&A Session	
13:10 – 14:00	Lunch Break & Networking Venue: LH7/GLC, 4 th Floor, RBS Building	
14:00 – 15:30	IL Session IV Venue: Conference Hall, 3 rd Floor, RBS Building Chairs: R. Vinu	
14:00 –14:18	IL011	V Himabindu , JNTU Hyderabad <i>Algae Cultivation in different wastewater, CO₂ sequestration and recovery of value-based products: Approach towards Algae Biorefinery</i>
14:18 –14:36	IL 012	Sourish Bhattacharya , CSIR - CSMCRI, Bhavnagar, Gujarat

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		Scale Up Process Development for Efficient Carbon Capture by Microalgae
14:36 – 14:54	IL 013	Paramasivan Balasubramanian , NIT Rourkela <i>Recent trends and machine learning studies in microalgal biotechnology</i>
14:54 – 15:12	IL 014	Maritza Guerrero Barrantes , Costa Rica Institute of Technology, Costa Rica <i>Microalgal Circular Economy: Increase in agricultural and livestock production with microalgae</i>
15:12 – 15:30	Q&A Session	
15:30 – 16:35	IL Session V Venue: Conference Hall, 3rd Floor, RBS Building Chair: Sachitra K. Rath	
15:30 – 15:48	IL015	R. Vinu , IIT Madras <i>Macroalgae Seaweeds to Biofuels Through Hydrothermal Liquefaction: Lab-to-Pilot Experience</i>
15:48 – 16:06	IL016	Sanjeev Mishra , SSS National Institute of Bio-Energy, Kapurthala <i>Sustainable algal wastewater treatment for bioenergy production</i>
16:06 – 16:24	IL017	Pau Loke Show , University of Nottingham Malaysia, Malaysia <i>Research Progress in Microalgae Technology Based on Liquid Biphasic System</i>
16:24 – 16:35	Q&A Session	
16:35 – 17:00	Poster Session with Tea Break & Networking Venue: Samanwaya Hall, 5th Floor, RBS Building	
17:00 – 18:00	Short Oral Presentations I (Parallel Session): High-Value Bioproducts, Pigments and Biopolymers Venue: Conference Hall, 3rd Floor, RBS Building Chairs: Amit Kumar Bajhaiya & Panneerselvam Ranganathan	
17:00 – 17:10	SOP 001	Nikhil Kadalag , ICT Mumbai <i>Hamessing indigenous Amphora sp. as a Sunlight-Driven Platform for sustainable biomanufacturing of high-value metabolites</i>
17:10 – 17:20	SOP 002	Neha Naijo Areekal , IIT Tirupati <i>De-oiled Algae Cake and Natural Deep Eutectic Solvents for Next-Generation Wound-Healing Films</i>
17:20 – 17:30	SOP 003	Pratiksha Laxmikant Baingane , IIT Delhi <i>Edible Mushroom Mycelia assisted Harvesting of Microalgae for Sustainable Food and Feed Applications</i>
17:30 – 17:40	SOP 004	Jayshri Khadilkar , ICT Mumbai <i>Integrated waste-to-pigment bioprocess: Developing heterotrophic cultivation in C. zofingiensis</i>
17:40 – 17:50	SOP 005	Gwen Grace , CSIR-CSMCRI, Bhavnagar, Gujarat <i>Cultivation of Agardhiella subulata (C. Agardh) Kraft & M. J. Wynne, an unexplored red alga for carrageenan production in India</i>
17:50 – 18:00	SOP 006	Vaishali Chaudhary , MNNIT Allahabad <i>Combining Carbon Nanomaterials, Light Manipulation and Nitrogen Stress on Astaxanthin Yield Enhancement in Monoraphidium sp.</i>
17:00 – 18:00	Short Oral Presentations II (Parallel Session): Algal Biofuels and Biorefineries Venue: Concordia Hall, 5th Floor, RBS Building Chairs: Monika P. Rai & Sourish Bhattacharya	
17:00 – 17:10	SOP 007	Ajay Mugundan C , IIT Madras <i>Comparison of conventional co-pyrolysis and hydrothermal liquefaction (HTL) of Kappaphycus alverazzi (red algae) and Ulva reticulata (green algae) macroalgae for biofuel synthesis</i>
17:10 – 17:20	SOP 008	Pooja Singh , IIT Guwahati <i>Bio-oil Production via co-HTL of Microalgae and Dairy Sludge: A study on synergistic effect and bioenergy generation</i>
17:20 – 17:30	SOP 009	Suchetna Kushwah , IIT Guwahati <i>Marine Macroalgae as Feedstock for Hydrothermal Liquefaction: Products Characterization, and Integrated Bio-Refinery Applications</i>
17:30 – 17:40	SOP 010	Shahista Farheen , IIT Kanpur <i>Enhancing Phosphorus Availability in Microalgae Biochar through Co-pyrolysis with Potassium Salts</i>
17:40 – 17:50	SOP 011	Pravin Ravichandran , St. Joseph's College of Engineering, Chennai <i>Technoeconomic and Carbon Emissions Study on the Industrial Scale Production of Biodiesel from Ulva intestinalis Macroalgal oil through Biorefinery Approach</i>
17:50 – 18:00	SOP 012	Pratik Rajendra Pawar , ICT Mumbai <i>Sustainable and Energy-Efficient Extraction of Lipids from Thraustochytrid Biomass</i>
18:10 – 18:50	AAR 2025 Award Lectures I & II Venue: Conference Hall, 3rd Floor, RBS Building Chair: Gunjan Prakash	
18:10 – 18:30	Early Career Award	Poonam Choudhary , IIT Roorkee <i>Development and performance evaluation of algal biofilm reactor for treatment of multiple wastewaters and characterization of biomass for diverse applications</i>

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18:30 – 18:50	Emerging Career Award	Kanchan Sambhwani , ICT Mumbai <i>Life-history-based selection and molecular marker development in Gracilaria dura</i>
19:00 – 20:00	Cultural Program Venue: Amphitheatre, adjacent to RBS Building entrance	
20:00 Onwards	Dinner Venue: LH7/GLC, 4 th Floor, RBS Building	

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DAY 2: 4 th November 2025		
08:00 – 09:00	Breakfast Venue: LH7/GLC, 4th Floor, RBS Building	
09:00 – 10:50	IL Session VI Venue: Conference Hall, 3rd Floor, RBS Building Chair: Anushree Malik & V. Veeragurunathan	
09:00 – 09:18	IL018	Vaibhav V. Goud , IIT Guwahati <i>Intensification of Lipid Extraction from Wet Algal Biomass using Hydrodynamic Cavitation</i>
09:18 – 09:36	IL019	Nilotpala Pradhan , CSIR - IMMT Bhubaneswar <i>Application of diatom Amphora sp. 46 for nanomaterial synthesis</i>
09:36 – 09:54	IL020	Sachitra Kumar Ratha , CSIR-National Botanical Research Institute, Lucknow <i>Microalgal Biomass to Bioactive Polymer: Production and Characterisation of β-glucan</i>
09:54 – 10:12	IL021	Gunjan Prakash , ICT Mumbai <i>Light and CO₂ or Dark and Organic C: Way forward for Microalgae</i>
10:12 – 10:30	IL022	Amit P. Bafana , CSIR-NEERI, Nagpur <i>Upcycling of CO₂ to fish feed using algal photoautotrophy to support circular economy</i>
10:30 – 10:50	Q&A Session	
10:50 – 11:30	Poster Session with Tea Break & Networking Venue: Samanwaya Hall, 5th Floor, RBS Building	
11:30 – 13:20	IL Session VII (Parallel Session) Venue: Conference Hall, 3rd Floor, RBS Building Chair: K. Krishnamurthi	
11:30 – 11:48	IL023	Elia Ruiz Pachon , University of Applied Sciences and Arts of Southern Switzerland (SUPSI) <i>Prioritizing Social Indicators in S-LCA Through Country-Specific Analysis: Application to Spirulina Production in India.</i>
11:48 – 12:06	IL024	V. Veeragurunathan , CSIR – CSMCRI, Bhavnagar, Gujarat <i>Seaweed farming in India-An Overview</i>
12:06 – 12:24	IL025	Kalyan Gayen , NIT Agartala <i>Exploration of alternative media for high cell-density cultivation of isolated microalgae: Process intensification</i>
12:24 – 12:42	IL026	Amit Kumar Bajhaiya , Central University of Tamil Nadu <i>Exploring Transcriptional Regulation of Carbon Concentrating Mechanisms in Chlamydomonas</i>
12:42 – 13:00	IL027	Preetha K Shenoy , AlgaGen Biosolutions LLP, Kerala <i>Microalgae Entrepreneurship: Opportunities and Challenges</i>
13:00 – 13:20	Q&A Session	
11:30 – 13:20	IL Session VIII (Parallel Session) Venue: Concordia Hall, 5th Floor, RBS Building Chair: Krishna M. Poluri	
11:30 – 11:48	IL028	Debraj Bhattacharya , IIT Hyderabad <i>Performance Evaluation of a Pilot-scale Hybrid Microalgal-Bacterial Reactor for Domestic Wastewater Treatment</i>
11:48 – 12:06	IL029	Nirmal Renuka , Central University of Punjab <i>Phytohormone-Mediated Modulation of Ciprofloxacin Removal and Physiological Responses in Chlorella sorokiniana</i>
12:06 – 12:24	IL030	Ambika H D , Proalgaetech, Germany <i>Industry–Academia Synergies for Algae-Based Wastewater Innovation</i>
12:24 – 12:42	IL031	Gad Weiss , BlueGreen Water Technologies, Israel <i>From Bloom Collapse to Climate Resilience: Harnessing Programmed Cell Death in Cyanobacteria for Ecosystem Restoration and Carbon Removal</i>
12:42 – 13:00	Q&A Session	
13:20 – 14:20	Lunch Break & Networking Venue: LH7/GLC, 4th Floor, RBS Building	
14:30 – 15:00	AAR 2025 Award Lectures III, IV & V Venue: Conference Hall, 3rd Floor, RBS Building Chair: Amit P. Bafana	
14:30 – 14:40	Best PhD Thesis Award I	Durgadevi S , NIT Tiruchirappalli <i>Phycoremediation of textile industrial wastewater using Spirulina Platensis and native algal isolates: Performance optimization, pollutant removal, and biomass reutilization</i>
14:40 – 14:50	Best PhD Thesis Award II	Sonia Choudhary , IIT Roorkee <i>Deciphering the Integrative Molecular Mechanisms of a Microalga Involving Chromium and Nanoplastic Remediation Along with Bioenergy Production</i>
14:50 – 15:00	Best Masters Thesis Award	Roby K Mathew , RCSS, Kochi

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		Sustainable cultivation of microalgae in wastewater for industrial dye degradation and biochemicals in a Circular Bioeconomy approach
15:00 – 15:20		Ms. Swati Sharma , Associate Editor - Books, Life Sciences, Springer Nature <i>Publishing with Springer</i>
15:30 – 16:30		Short Oral Presentations III (Parallel Session): CO₂ Sequestration, Circular Bioeconomy and Sustainability Venue: Conference Hall, 3rd Floor, RBS Building Chairs: Debraj Bhattacharya & Kalyan Gayen
15:30 – 15:40	SOP 013	Manjushri Arun Deodhar , KET's V. G. Vaze College (Autonomous), Mumbai <i>Algal Photobioreactors for sequestering CO₂ generated from Bio CNG plant, utilizing the resulting biomass for skin care cosmetics and as a substrate for co-digestion in biogas production to continue the recycling process.</i>
15:40 – 15:50	SOP 014	R. Sathish , CSIR- IMMT Bhubaneswar <i>Leveraging Microalgae for CO₂ Mitigation and Biomass Valorization</i>
15:50 – 16:00	SOP 015	Akshay Krishna P , CSIR- NIO, Goa <i>Seasonal Shifts in Nutritional Value of Seaweeds from India's Konkan Region</i>
16:00 – 16:10	SOP 016	Deepak Sharma , SSS National Institute of Bio-Energy, Kapurthala <i>Hamessing Microalgal Motility for Enhanced CO₂ Sequestration in Sponge-Based Photobioreactors</i>
16:10 – 16:20	SOP 017	Pankaj Chelak , Dr. B R Ambedkar NIT Jalandhar <i>Optimizing Carbon-to-Nitrogen Ratio in Co-Digestion of Algal Biomass and Food Waste for Enhanced Biohythane Production through Two-stage Anaerobic Digestion</i>
15:30 – 16:30		Short Oral Presentations IV (Parallel Session): Molecular Biology, Omics and Emerging Technologies Venue: Concordia Hall, 5th Floor, RBS Building Chairs: Soumya Sasmal & Manohar Cathrine Sumathi
15:30 – 15:40	SOP 018	Saptaswa Biswas , IIT Guwahati <i>Engineering a photosynthetic biofilm consortium with tunable viscoelastic properties: Insights from light and fluid flow dynamics</i>
15:40 – 15:50	SOP 019	Supratim Ghosh , BITS Pilani, Hyderabad <i>High voltage pulsed electric field and electroporation technologies for algal biomass processing</i>
15:50 – 16:00	SOP 020	Poonam Kumari , CSIR-IIT Hyderabad <i>Proteomic Profiling of Autotrophically Cultivated Chlorella sorokiniana Reveals Precursors of ACE-Inhibitory, DPP-IV Inhibitory, and Antioxidant Peptides</i>
16:00 – 16:10	SOP 021	N. Nikhil Sai , Vignan's Foundation for Science, Technology & Research, Guntur <i>Whole-Genome Sequencing and Functional Characterization of a Heterocystous Cyanobacterium Promoting Rice Seed Germination</i>
16:10 – 16:20	SOP 022	Krishnakumar M , Central University of Tamil Nadu <i>Hamessing Chlamydomonas reinhardtii metabolism under nutrient-limited conditions for sustainable bioproducts and xylitol biosynthesis</i>
16:20 – 17:20		Short Oral Presentations V (Parallel Session): Algal Cultivation, Physiology and Productivity Enhancement Venue: Conference Hall, 3rd Floor, RBS Building Chairs: Sanjeev Mishra & Paramasivan Balasubramanian
16:20 – 16:30	SOP 023	Sanjukta Banerjee , Parul University <i>Comparative Evaluation of Microalgal Harvesting Methods</i>
16:30 – 16:40	SOP 024	Swati Kumari , IIT Roorkee <i>Isolation and characterization of microalgal species from the sewage effluent of Hamirpur: assessment for its potential application</i>
16:40 -16:50	SOP 025	Maddipatla Naga Sai Karthik , BITS Pilani <i>Advanced cultivation of Chlorella sorokiniana in Food Waste Anaerobic Digestate for enhanced biomass productivity and carbohydrate accumulation</i>
16:50 – 17:00	SOP 026	Isaimozhi.V , CSIR-CSMCRI, Bhavnagar, Gujarat <i>Synergistic impact of elevated CO₂ and photo-bioreactor illumination area on the production of marine microalgal biomass and bio-chemicals</i>
17:00 – 17:10	SOP 027	Subhisha Raj , Central University of Tamil Nadu <i>Polyphosphate Dynamics and Metabolic Shifts in Freshwater Microalgae under Varying Phosphate Conditions</i>
17:10 – 17:20	SOP 028	S Gopala Krishnan , CSIR-CSMCRI, Bhavnagar, Gujarat <i>Role of Color Strains in Effective Seaweed Farming and Livelihood Opportunities</i>
16:20 – 17:20		Short Oral Presentations VI (Parallel Session): Phycoremediation and Environmental Applications Venue: Concordia Hall, 5th Floor, RBS Building Chairs: Mona Sharma & Nirmal Renuka
16:20 – 16:30	SOP 029	Monika Sogani , Manipal University Jaipur <i>Integrated Solar-Microalgae Unit for coupled RO reject desalination and biomass production</i>

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16:30 – 16:40	SOP 030	Dheeraj Shah , Bhabha Atomic Research Centre <i>Rapid Development of Algal-Bacterial Granules for Enhanced Biological Nutrient Removal</i>
16:40 -16:50	SOP 031	Rahul Bose , IIT Guwahati <i>Nano-remediation of Heavy metals by iron-doped diatom with an insight into their optical and biochemical properties</i>
16:50 – 17:00	SOP 032	Pallavi Vadla , BITS Pilani <i>Integrated Activated Carbon Clarification and Algae-Bacteria Photogranule Treatment for Active Landfill Leachate Remediation</i>
17:00 – 17:10	SOP 033	Arathi Sreenikethanam , Central University of Tamil Nadu <i>Intracellular and Extracellular Responses Act in Synergy to Confer Salt Stress Tolerance in Microalgae</i>
17:10 – 17:20	SOP 034	Adeline Juanita , Karunya Institute of Technology and Sciences <i>Biohybrid Janus Particles Integrating Pseudochlorella pringsheimii and Magnetic Hydrogels for Advanced Wastewater Treatment</i>
17:20 – 17:30	SOP 035	Gandhali Ameya Phadnis , ICT Mumbai <i>Microalgal genetic engineering for food and fuel applications</i>
17:30 – 18:00	Valedictory & Best Oral/Poster Awards Presentations; Declaration of venue for AAR 2026 Venue: Conference Hall, 3 rd Floor, RBS Building	
18:00 onwards	High Tea Venue: LH7/GLC, 4 th Floor, RBS Building	

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POSTER SESSION

PP 001	Kirti Singhal, CSIR-CSMCRI	Simultaneous production of β -carotene and lutein by marine microalgae under elevated levels of salinity, temperature and irradiance
PP 002	Ajithkumar V, CSIR-CSMCRI	Recycling of spent seawater produced by land-based seaweed cultivation for the production of marine microalgal biomass and value-added products
PP 003	Sanskriti Panda, CSIR- IMMT Bhubaneswar	Optimizing <i>Synechocystis</i> sp. Growth and EPS Production and its Application in Sustainable Metal Recovery
PP 004	Sumit Sudhir Phakatkar, CSIR - NIO	In silico Investigation of the Antioxidant, Anti-inflammatory and Antiglycemic Potential of Sugars from Macroalgae
PP 005	Kanhu Charan Panda, CSIR- IMMT Bhubaneswar	Biochemical Profiling of <i>Micractinium</i> sp. Biomass under CO ₂ Supplementation and Scale-Up
PP 006	Abhilipsha Rath, CSIR- IMMT Bhubaneswar	Growth Optimization of <i>Chlorella vulgaris</i> and it's application for Silver Nanoparticles synthesis
PP 007	Priti Kumari, IIT Guwahati	Integrated Experimental and Theoretical Approaches for Optimizing Microalgae-Based Biosensors in Arsenic Detection
PP 008	Priya Bisht, IIT Roorkee	Resource Recovery from Wastewater-Grown Algae through Hydrothermal Liquefaction
PP 009	Amit Singh, IIT Roorkee	Energy generation potential of algal biomass from Eutrophic urban waterbodies - Case study of Hauz Khas Lake
PP 010	Somesh Prajapati, IIT Roorkee	Microalgal Photogranules as a Sustainable Framework for Wastewater Treatment, Carbon Capture, and Resource Recovery
PP 011	Rajat Pant, IIT Roorkee	Microalgae for pathogen and antibiotic-resistant bacteria removal from wastewater
PP 012	Dhanush S, Karunya Institute of Technology and Sciences	Algal Biomass-Derived Porous Bio-ceramics: A Novel Approach for Sustainable Bone Graft Substitute
PP 013	Aishwarya Vinayak Dhume, CSIR - NIO	Marine Microalgae-Bacteria Consortia – A Promising Strategy for Sustainable Algal Biotechnology
PP 014	Chintan Chauhan, CSIR-CSMCRI	Bioprospection of Seaweeds along Gujarat seacoast for Blue Bioeconomy Applications
PP 015	Divya Devale, Vellore Institute of Technology	Improved biomass and biochemical productivity of freshwater microalga <i>Chlorella sorokiniana</i> under algaecide stress
PP 016	P.Sujan Sai, Koneru Lakshmaiah Education Foundation	Design and Optimization of a Microalgae-integrated Electrochemical System for Conversion into Value-Added Bio-products
PP 017	Tripti R Alva, IIT Guwahati	Microplastics as Pollutants: Evaluating Their Toxicological Burden on Freshwater Microalgae
PP 018	Abhishek S Rao, IIT Guwahati	Advances in Microalgae Biomass Conversion towards Liquid Fuels
PP 019	R. Suhail Haq, CSIR-CSMCRI	Effect of different of drying methods on nutritional and non-enzymatic antioxidants contents in wild and cultivated <i>Ulva fasciata</i> and <i>Ulva lactuca</i>

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PP 020	Shaik Shaheda, Vignan Foundation for Science, Technology, and Research	Characterization of a Native Microalga-Derived Polysaccharide for Prebiotic Applications in Shrimp Aquaculture
PP 021	Siddhesh Kajrolkar, IIT Delhi	Wastewater-Grown Microalgae-Based Biorefinery for Biostimulant and Biochar Production: Integrating Circular Bioeconomy with Agronomic Sustainability
PP 022	Uppalanchi Spoorthi, CSIR-IICT, Hyderabad	Environmental and Metabolic Control of PHA Pathway Activation in Microalgae: Insights into Carbon Assimilation and Polymer Composition
PP 023	Christine Sara Abraham, CMS College Kottayam	Isolation and characterisation of microalgal strains for carotenoid production and physical strategies to enhance it's productivity
PP 024	Chinni Manikanta, Vignan's Foundation for Science, Technology and Research	Cyanobacterial-Induced Calcium Carbonate Precipitation for Autonomous Crack Healing in Concrete
PP 025	Esha Goyal, Central University of Punjab	Assessing the potential of exogenous phytohormones for enhancing polyunsaturated fatty acid production in freshwater microalgal species
PP 026	Jaswanthi Thumma, Vignan's Foundation Science, Technology and Research	Valorization of Native Spirulina Isolate from Alkaline Fields for Formulation of Protein-Enriched Functional Cookies
PP 027	Kanchan Sambhwani, ICT, Mumbai	Harnessing the life-history phases of Gracilaria dura for sustainable, industrial-scale farming
PP 028	Manjari J Naik, MES College, Marampally, Aluva	Ammonia Tolerance and Phycoremediation Potential of Microalgae: <i>Chaetoceros calcitrans</i> and <i>Chlorella vulgaris</i>
PP 029	Sayan Roy, IEST, Shibpur	Microalgal Nanocellulose as a Green Pickering Stabilizer for Sustainable Food Grade Emulsion Formulation