

Department of Biotechnology– AY 2025-26

Department Activities

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	13-SEP-25	Dr. Sundaram Ganesh Ram , Managing Director, Applied Genomics Pvt Ltd. Coimbatore	"Genomics Assisted Accelerated plant Breeding Approaches for Sustainable Food Security"
2	05-DEC-25	Mr. Deepak Ravikumar , Chief Executive Officer & Co-Founder, Learnlike, Coimbatore	AI Horizons in Life Sciences – Transforming Biotechnology, Microbiology, Agriculture & Food Technology

Seminar / Workshop / Conferences organized

S. No.	Date	Nature of the Event (Conference/ Seminar/ Workshop)	Title of the Event	Resource Person
1	02-SEP-25 to 03-SEP-25	Hands on Training	Animal Cell Culture – From Primary Culture to Cells Passage	Dr. G. Suja , Associate Professor, Department of Biotechnology, CMS College of Science and Commerce, Coimbatore – 641 049.
2	09-DEC-25	Workshop	AI in Life Sciences	Mr. Deepak Ravikumar , Chief Executive Officer & Co-Founder, Learnlike, Coimbatore
3	06-JAN-26	Workshop	PCR – “Mastering the Mix: Optimizing PCR Components”	Dr. M. Poongothai, Professor and Dr. Arun P, Professor , Department of Biotechnology, Dr. N.G.P. Arts and Science College, Coimbatore
4	07-JAN-26 to 08-JAN-26	Workshop	AI for Drug Delivery	Mr. Vivek Chandramohan , CEO, Insilicomics Research Pvt. Ltd., Ooty
5	26-FEB-26	National conference	Convergence of Artificial Intelligence and Multidisciplinary Sciences for Sustainable Development – (AIMS’26)	Dr. K. S. Subramanian , Scientific Advisor, Coromandel International Limited, TICEL BioPark, Coimbatore

Student Development Programme

S. No.	Date	Title	Resource Person
1	24-JAN-26	Molecular Techniques & Phytochemical Test for Various Components	Ms. Dharani U (231BT015) III B.Sc., Biotechnology
2	24-JAN-26	Plant Tissue Culture and Isolation of DNA	Ms. Kamini K (231BT030) III B.Sc., Biotechnology
3	24-JAN-26	Forensic Victim Identification: A Case study of the 2025 Ahmedabad Air India Crash	Ms. Monisha M (251BT035) I B.Sc., Biotechnology
4	24-JAN-26	IoT enabled Quantum Agriculture: A review of emerging Computational Paradigms	Mr. K. Deepadharshan (251BT007) I B.Sc., Biotechnology

Faculty Professional Development Programme

S. No.	Date	Title	Resource Person
1	05-JUN-25 to 06-JUN-25 and 09-JUN-25	Molecular Docking and Green Toxicology	Dr. Ravikumar P Senior scientist & Head Iyarvi Research Center for Bioinformatics Erode

Alumni Interaction

S. No.	Date	Title	Alumni
1	30-AUG-25	Virtual alumni Interaction on “Building Startups from scratch -Life beyond 9 to 6”	Ms. Maheswari Velusamy , Co-founder and COO of itboomi Inovations, Tirupur Alumnus Batch (2016-2021)
2	28-FEB-26	Life Science Competitive Exams: Preparation and Insights	Ms. Narmadha S M Project Trainee - Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore CSIR-UGC- NET (Lectureship) - AIR 49

		Alumnus - Biotechnology (2020 - 2023 Batch)
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Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1	21-JAN-26	Clean and Disease Free Village (Personal Hygiene & Waste Disposal)	Velliangadu village, Coimbatore	25

Co-curricular Activities

S.No	Date	Name of the Event
1	12-SEP-25	World Ozone day Celebration-25
2	09-DEC-25	Intradepartmental Story Sharing Competition conducted by the Biotech Department on the occasion of Kisan Diwas
3	26-DEC-25	Intradepartmental Awareness Program – Quiz conducted by the Biotech Department on the occasion of World Antimicrobial Resistance Week
4	23-FEB-26	NGP Biodiversity Information System Programme on occasion of National Science Day celebration
5	24-FEB-26	Biotech Stimulated Selection Process on occasion of National Science Day celebration
6	27-FEB-26	Interdepartmental competition-Bio Idea (A journey from Research to Product) on occasion of National Science Day celebration
7	03-MAR-26	Oratorical competition- Role of Women Scientist in modern India
8	03-MAR-26	Debate- Biotechnological applications- Boon or Ban to modern world

Other Activities

S. No.	Date	Title	Resource Person
1	18-AUG-25 to 19-AUG-25	Visiting faculty lecture on Enzyme Kinetics	Dr. R. Ranjith Kumar , Associate Professor, Saveetha Institute of Medical and Technical Sciences, Chennai
2	20-FEB-26	Exhibition on Medicinal Plants	Nil

Department Achievements

Awards and Prizes for Staff

S.No	Date	Name of the Staff	Name of the Award	Awarded by
1	1-JUN-25	Dr.M.Poongothai	Reviewer	Indian Journal of Physiology
2	23-JUL-25	Dr. S. Saranya	Reviewer	Frontiers In Medicine
3	23-SEP-25	Dr.M. Shanmugavadivu	Reviewer	Asian Journal of Fisheries and Aquatic Research
4	10-OCT-25	Dr. P. Chidambara Rajan	Era Asian Research Excellent Award	Einstein Research Academy, GCSGD 2025, INTI International University, Nilai, Malaysia
5	10-OCT-25	Dr. M. N. Kathiravan	Era Asian Research Excellent Award	Einstein Research Academy, GCSGD 2025, INTI International University, Nilai, Malaysia
6	10-OCT-25	Dr. Arun P	Era Asian Research Excellent Award	Einstein Research Academy, GCSGD 2025, INTI International University, Nilai, Malaysia

7	10-OCT-25	Dr. Arun P, Dr. M. Shanmugavadivu,	Best Presenter Award - From Stem cells to Organoids: Redefining disease models and transplantation	Einstein Research Academy, GCSGD 2025, INTI International University, Nilai, Malaysia
8	10-OCT-25	Dr. P. Chidambara Rajan, Dr. K. Kalimuthu, Dr. Arun P, Dr. M. Shanmugavadivu, Dr. M. N. Kathiravan	Best Presenter Award - Molecular Cloning and Overexpression of Novel Thermostable lipase (Tslip) gene from Thermophilic <i>Geobacillus thermoleovorans</i> KL3 in <i>E. coli</i> DH5 α	Einstein Research Academy, GCSGD 2025, INTI International University, Nilai, Malaysia

Staff Recognitions

S. No.	Date	Name of the Staff	Nature of Recognition	Organization / Institution
1	13-JUN-25	Dr.M. Shanmugavadivu	Resource Person for FDP on Patent drafting	Nandha Arts and Science College, Coimbatore
2	04-JUL-25	Dr.M. Shanmugavadivu	Judge for Annual Cultural Meet - Kalaicharal	KMCH College of Nursing, Coimbatore
3	11-JUL-25	Dr. K. Arungandhi	Resource Person for Day-3, Student Induction Program - 2025	Kathir College of Arts and Science, Coimbatore
4	28-AUG-25	Dr.M. Shanmugavadivu	Resource Person for Training and Bootcamp	Shree Vidhyalaya Matric Hr Sec School, Coimbatore
5	10-OCT-25	Dr. P. Chidambara Rajan	Key Note speaker	Einstein Research Academy, GCSGD 2025, Inti International University, Nilai, Malaysia
6	10- OCT -25	Dr. M. N. Kathiravan	Key Note speaker	Einstein Research Academy, GCSGD 2025, Inti International University, Nilai, Malaysia
7	10- OCT -25	Dr. Arun P	Key Note speaker	Einstein Research Academy, GCSGD 2025, Inti International University, Nilai, Malaysia
8	16-OCT-25	Dr. M. Shanmugavadivu	Key Note speaker	Empowering Entrepreneurship through Intellectual Property rights Pollachi College of Arts and Science, Pollachi, Coimbatore.

9	06-JAN-26 to 10-JAN-26	Dr. M. Poongothai	Key Note speaker	Five days Online Faculty Development Program on “Advanced Trends and Innovations in Modern Life Science”
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Patent and Copyrights

S.No	Date	Name of the Staff	Name of the Patent or copyright	Awarded by
1	25-OCT-25	Dr. M. Shanmugavadivu, Dr. M.N Kathiravan	Nutra peel: Developing a sustainable Vitamin supplement from fruit and vegetables peels	The patent office, Govt. of India
2	28-NOV-25	Dr. R. Suganthi and Mrs. Mrs. C. R. Aarthi	Gluten-Chitosan based Biodegradable packaging material infused with Lauric acid and method for its preparation	The patent office, Govt. of India

Funds and Grants

S. No.	Name of the Staff	Name of the Students	Title of the project	Govt/Pvt agency	Funding agency name	Amount
1.	Dr. M. N Kathiravan	-	IoT Cloud and AI Solution for Sustainable agriculture practices	Govt	Indian-Srilankan Joint Call for workshop proposal	8 Lakhs
2	Dr. P. Chidambara Rajan	Hemavarshini P	Biolubricant Production from used cooking oil catalysed by calcium oxide extracted from egg shell	Govt	TNSCST-SPS	7500
3	Dr. Arun P	Umabharathi S, Janani T	Agronomic biofortification of <i>Spinacea oleracea</i> by Iron and Vitamin C enriched waste product	Govt	TNSCST-SPS	7500

4	Mrs. C.R. Aarathi	Sowmiya K	Development and characterization of biodegradable plastics from banana peel waste	Govt	TNSCST-SPS	7500
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Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
1	19-MAY-25 to 24-MAY-25	Mrs. C.R. Aarathi	6 Days FDP & STP on Advances in Early Stage Microbial Discovery	Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology, Chennai
2	05-JUN-25 to 09-JUN-25	Dr.M. Shanmugavaivu, Dr.S.Saranya, Mrs. C.R.Aarathi, Dr.M.Poongothai, Dr.Radha Palanisamy, Dr Arun P	Functional FDP on Molecular docking and Green Toxicology	Iyarvi Research Center for Bioinformatics, Erode
3	09-JUN-25 to 15-JUN-25	Dr.M. Shanmugavaivu, Dr.K.Arungandhi	International FDP on Sustainable Development in Biosciences	SRM Institute of Science and Technology, Ramapuram, Chennai
4	21-JUN-25 to 21-JUN-25	Dr.M.Poongothai	Workshop on AI Tools for Teaching and Academic Writing	Hindusthan College of Arts and Science, Coimbatore
5	24-JUN-25 to 24-JUN-25	Dr.M.Poongothai	District Climate Change Mission Workshop	Kongunadu Arts and Science College, Coimbatore
6	21-JUL-25 to 25-JUL-25	Dr.M.Shanmugavadivu	FDP on Drug Discovery and Human Health	GLA University, Mathura
7	23-JUL-25 to 31-JUL-25	Dr. R. Suganthi	FDP on Emerging trends in lifesciences	Department of Biochemistry, FSH, SRM Institute of Science and technology, Chennai
8	24-JUL-25 to 25-JUL-25	Dr.M.Shanmugavadivu, Dr.P.Chidambara Rajan, Dr.M.Poongothai, Dr.K.Arungandhi	National Seminar on An Omics Revolution on Sustainable Agriculture and Environment	PSG College of Arts and Science, Coimbatore

9	28-JUL-25 to 28-JUL-25	Dr. Arun P	Training on National Awareness Property Awareness Mission	Intellectual Property Office, India
10	04-AUG-25 to 13-AUG-25	Dr. P. Chidambara Rajan, Dr. K. Arungandhi, Dr. Arun P, Dr. M. Shanmugavadivu, Dr. M. Poongothai	Orientation on NEP Orientation & Sensitization Programme	Malaviya Mission Teacher Training Centre, Bharathiyar University, Coimbatore
11	06-AUG-25 to 12-AUG-25	Dr.S.Saranya	Short term Course on Research Methodology	Malaviya Mission Teacher Training Centre, Bharathiyar University, Coimbatore
12	09-AUG-25 to 09-AUG-25	Dr. Arun P	Training on Microgreens Production	PSGR Krishnammal College for Women, Coimbatore
13	18-AUG-25 to 23-AUG-25	Dr.S.Saranya, Dr.P.Chidambara Rajan, Dr.Arun P, Dr.Shanmugavadivu, Dr.M.Poongothai, Dr.K.Arungandhi	FDP on AI & Cybersecurity for sustainable future	Hindustan Arts and Science College, Coimbatore
14	25-AUG-25 to 30-AUG-25	Dr.Radha Palanisamy	ATAL FDP on Ethics and values in professional practice	Maharishi Markandeshwar Institute of Management, Mullana
15	20-SEP-25 to 21-SEP-25	Dr Arun P	FDP on Tech-Enabled Teaching for Tomorrow	Brighthawk Infotech Solutions PVT. LTD., Pune
16	27-NOV-25	Dr. S. Saranya	Workshop - Zebra fish model for Environmental Risk Assesment	PSG Institute of Advanced Studies, Coimbatore
17	28-NOV-25 to 29-NOV-25	Dr. S. Saranya	International Conference - Sustainable technology for Energy and Environment	PSG Institute of Advanced Studies, Coimbatore
18	08-DEC-25 to 12-DEC-25	Dr. M. Shanmugavadivu	E-SDP - MSME Sponsored Advanced Entrepreneurship cum Skill Development Programme on Patents, Copyrights, GI, Trademarks for Entrepreneurship	MSME, New Delhi
19	08-DEC-25 to 12-DEC-25	Dr. M. Shanmugavadivu	SDTP - Skill Development Training Programme on Patents, Copyrights, GI, Trademarks for Entrepreneurship	CSIR-NIIST, Thiruvananthapuram

20	17-FEB-26 to 18-FEB-26	Dr. S. Saranya	Interdisciplinary Students Science Conclave: Science for industry	Consortium of Higher Educational Institutions for Research and Development (CHIRD), PSGR Krishnammal College for Women, Coimbatore
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Staff Publication

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.	Impact Factor	SCI/WoS/UGC/ SSCI/Scopus
1	Dr. M.Poongothai, Ms. Aswathy J K (RS)	Novel Perspectives on Quorum Quenching Properties, antibacterial, antioxidant and Phytochemical capabilities of different species-A systematic review	International Journal of Science and Research	ISSN:2319-7064 FEB-25, Vol: 14 (2), pp-142-147	7.101	-
2	Dr. M. Shanmugavadivu	Isolation, Purification and Partial Characterization of Protease enzyme from Guava (<i>Pisidium guajava</i>) leaves	International journal of Scientific research & Engineering trends	ISSN: 2395-566X JUN-25 Vol: 11 (3)	3	WoS
3	Dr. R Suganthi	<i>In vitro</i> Antioxidant and Wound Healing Potential of the Polyherbal Formulation Prepared from Traditional herbs	Arabian Journal of Medicinal and Aromatic Plants	ISSN 2458-5920 JUN-25 Vol: 10 (3) pp: 35-56	-	Scopus
4	Dr. Radha Palaniswamy	Hydro-processing of waste plastics to produce diesel under low processing temperatures using ionic liquid catalyst	Fuel Processing Technology (ELSEVIER)	ISSN: 0378-3820 JUN-25 Vol: 276	7.7	SCIE, Scopus

5	Dr. M. Shanmugavadivu Ms. Parvathy K (UG)	Harnessing Genomics for One health: A blue print for Equity, access, and action	International Journal of current science research and review	ISSN: 2581-8341 AUG-25 Vol: 8 (8), pp: 4295-4307	8.048	-
6	Dr. M.Poongothai, Deepa O (RS)	Accessing fertility health: A comparative analysis of serum and seminal plasma levels of key book markers in fertile and infertile males	International Journal of Biosciences	ISSN: 2220-6655 JUL-25 Vol: 27 (1), PP- 156-171	-	-
7	Dr. R. Suganthi Mrs. C. R. Aarthi Shyni. M (RS) Antony Berlin A (PG) Kavinraj G (PG) Shubhashri N (PG) Karthik R (PG)	Evaluation of Garcinia species extract incorporated into chitosan and flaxseed emulsion for enhanced skin protection	Arabian Journal of medical and aromatic plants	ISSN 2458-5920 JUN-25 Vol: 11 (1)	-	Scopus
8	Dr. R. Suganthi Mrs. C. R. Aarthi Shyni. M (RS) Antony Berlin A (PG) Kavinraj G (PG) Shubhashri N (PG) Sanjaivarthan N (UG) Anujha S K(UG) Deepa Priya S (UG) Akileshwaran K (PG) Sussmitha K (PG) Shanmugapriya C (PG)	Composite Fabric Food Packaging with Lactic Acid and Chitosan - Shellac Coating for Preservation of Tomato and Strawberry	Jordan Journal of Biological Sciences (ELSEVIER)	ISSN 1995-6673 SEP- 2025 Vol 18 (3), Pages 437 – 448	0.25	Scopus

9	Dr. P. Chidambara Rajan	A CD44-Targeted TLR7/8 Nanovaccine for Synergistic Photothermal Immunotherapy	Biotechnology Journal	Online ISSN:1860-7314, Print ISSN:1860-6768, Nov' 2025	3.1	SCOPUS
10	Dr. M.N. Kathiravan	Plant Leaf Disease Detection and Crop Yield Improvement Using a Hybrid Machine Learning Framework	IEEEExplore	Electronic ISBN:979-8-3315-3925-2, Print on Demand (PoD) ISBN:979-8-3315-3926-9, Oct'2025	-	SCOPUS
11	Dr. R. Suganthi, Mrs. C. R. Aarthi	Composite Fabric Food Packaging with Lactic Acid and Chitosan - Shellac Coating for Packaging with Lactic Acid and Preservation of Tomato and Strawberry	Jordan Journal of biological sciences (ELSEVIER)	ISSN 1995-6673, Sep' 2025 Vol 18 (3), Pages 437 – 448	0.25	SCOPUS
12	Dr. M. Shanmugavadivu	Antimicrobial Resistance in Escherichia coli	International Journal of Current Microbiology and Applied Sciences	ISSN: 2319-7706 DEC'25 14(12): 108-113	-	-
13	Dr. M. Shanmugavadivu, Dr. P. Chidambara Rajan, K. Kalimuthu, Dr. M.N Kathiravan	Green-synthesized copper nanoparticles, biocarbon, and Calamus thwaitesii stem fiber reinforced vinyl ester composite for EMI shielding applications: mechanical, dielectric, and EMI shielding effectiveness analysis	Journal of Materials Science: Materials in Electronics	Electronic ISSN 1573-482X, Print ISSN 0957-4522 JAN'2026 37:141	2.8	SCOPUS

14	Dr. P Chidambara Rajan	Carrier-free drugs as smart nanomaterials for cancer theragnostic	Coordination Chemistry Reviews	Print ISSN: 0010-8545, Online ISSN: 1873-3840 JAN'2026 554	23.5	SCOPUS
15	Dr. M. Shanmugavadivu	Extraction of Proteins from Edible Insects	Journal of Novel Research and Innovative Development	ISSN 2984-8687 FEB'26 4(2):72-76	-	-

Students Participation

S. No.	Date	Name of the Student(s)	Event	Organization / Institution
1	24-JUL-25 to 25-JUL-25	Paveela M Dwaraka M R Karthikeyan R	National seminar on omics revolution on sustainable agriculture and environment	PSG College of Arts and Science
2	24-JUL-25 to 25-JUL-25	K.Deepadharsan	National seminar on omics revolution on sustainable agriculture and environment	PSG College of Arts and Science
3	24-JUL-25 to 25-JUL-25	Akshithavarna M Harshiga R Jismi K Joshy Gangashree T Abidharshan T Periyasami P Rahul M Siddharthan V	National seminar on omics revolution on sustainable agriculture and environment	PSG College of Arts and Science
4	24-JUL-25 to 25-JUL-25	Sridevika M NagarJUN S Prasanna S Sanmathi B	National seminar on omics revolution on sustainable agriculture and environment	PSG College of Arts and Science

		Vanjani N Harnitha Sri P Gokula Priya S Nandhini G Pavithra M Hari Priya G Mohammed Fasil K		
5	12-AUG-25	Dina.K.V K.Deepadharsan Ilakkiya S P Pavithraa Devi D J Praisyy Evanglin C	National Level Inter-collegiate Idea Pitching Competition	PSG College of Arts and Science
6	4-SEP-25	Srinithi.C.P and Mridula.B	International Conference on stem cell therapy for diabetics	Nandha College of Arts and Science
7	27-NOV-25	Mohana Sri.D	Workshop On Charge Craft: Advanced Electrochemistry with Hands-On Electro-Synthesis And EIS/Zebrafish Model for Environmental Risk Assessment	PSG Institute of Advanced studies, Coimbatore & IIT, Madras
8	28-NOV-25 to 29-NOV-25	Mohana Sri.D	International Conference On sustainable Technologies for Energy and Environment	PSG Institute of Advanced studies, Coimbatore & IIT, Madras
9	04-DEC-25	Manisa S. Jaishree M	Poster Making contest	Native Medicare Charitable Trust, Coimbatore
10	09-DEC-25	Priyadharshini B.R, Hari Priya G	Workshop - AI in life science	Dr.N.G.P. Arts and Science College, Coimbatore
11	23-DEC-25	Pragalya S.	Designer Contest "CELESTIAL"	Department of Costume Design and Fashion, Dr. N.G.P. Arts and Science College, Coimbatore
12	06-JAN-26 to 07-JAN-26	Deepadharsan K, Dina K V, Sowmia R, Hari Priya G, Jyotsna Joy, Pavithra G,	Workshop - AI for Drug Discovery	Department of Biotech & Data Analytics, Dr. N.G.P. Arts and Science College (under DBT Star College Scheme), Coimbatore

		Rinshila A A, Nooruz shafa G Jaishree M Vinodhana R		
13	07-JAN-26	Manusri E, Arthi A	The Thought Forum - Eureka Conclave'2k26- an intercollegiate science fest	Dr. G.R. Damodharan College of Science, Coimbatore
14	07-JAN-26	Aarthi A, Bhavan shri ram O R, Manusri E	Spell by spell - Eureka Conclave'2k26- An intercollegiate science fest	Dr. G.R. Damodharan College of Science, Coimbatore
15	20-JAN-26	Jaishree M	CHEM QUIZ	Department of Chemistry, Dr. N.G.P. Arts and Science College, Coimbatore
16	23-JAN-25	Mohana Sri.D Danushiya S Vinodhana R	International Conference on Innovations in Computing and Biosciences	Sri Ramakrishna College of Arts and Science for women, Coimbatore

Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution
1	19-JUN-25 to 20-JUN-25	Dr.M.N. Kathiravan	1st International Conference on Radio Frequency communication and Networks	Precision Agriculture with wireless sensor networks using a hybrid K-means-DNN model for efficient irrigation	Sastra University, Thanjavur
2	20-JUN-25 to 22-JUN-25	Dr.M.N. Kathiravan	5th International Conference on Intelligent Technologies (CONIT 2025)	IoT-Integrated Graph Convolutional Networks and LSTM Models for Smart Plant Growth Monitoring in Controlled Environment Agriculture	K.L.E. Institute of Technology, Hubballi
3	24-JUL-25 to 25-JUL-25	Dr.M.Shanmugavadivu	DBT-CTET sponsored Two-day National Conference on "Driving the Future with Biotechnology:	Extraction of Protein from edible insects	PSGR Krishnammal College for Women, Coimbatore

			Economy, Environment and Employment - BioE3"			
4	04-SEP-25 to 04-SEP-25	Dr.M.Shanmugavadivu,	International conference on Frontiers in Biotechnology - 2025	Soil Microbiome	Nandha Arts and Science College, Erode	
5	04-SEP-25 to 04-SEP-25	Dr.Radha Palaniswamy	International conference on Frontiers in Biotechnology - 2025	Nanobiotechnology in Targeted Drug Delivery System,	Nandha Arts and Science College, Erode	
6	04-SEP-25 to 04-SEP-25	Dr Arun P	International conference on Frontiers in Biotechnology - 2025	Bioprospecting of Microbial Endophytes	Nandha Arts and Science College, Erode	
7	10-OCT-25	Dr. Arun P, Dr. M. Shanmugavadivu	Global Congress on Sustainable Growth and Development 2025	From Stem Cells to Organoids: Redefining Disease Models and Transplantation	INTI International University, Malaysia & Einstein Research Academy	Best Presenter
8	10-OCT-25	Dr. M.N Kathiravan, Dr. P. Chidambara Rajan, Dr. Arun P, Dr. M. Shanmugavadivu, Dr. K. Kalimuthu	Global Congress on Sustainable Growth and Development 2025	Molecular Cloning and Overexpression of Novel Thermostable Lipase (Tslip) Gene from Thermophilic <i>Geobacillus thermoleovorans</i> KL3 in <i>E. coli</i> DH5 α	INTI International University, Malaysia & Einstein Research Academy	Best Presenter
9	10-OCT-25	Dr. R. Suganthi, Mrs. C. R. Aarthi	Global Congress on Sustainable Growth and Development 2025	Lauric Acid Incorporated Gluten–Chitosan Based Biocomposite Fabric for Food Packaging	INTI International University, Nilai, Malaysia	-
10	10-OCT-25	Dr. R. Suganthi, Mrs. C. R. Aarthi	Global Congress on Sustainable Growth and Development 2025	Chitosan–Flaxseed Mucilage Films Infused with Citrus Extracts for Food Safety and Sun Protection	INTI International University, Nilai, Malaysia	-
11	10-OCT-25	Dr. K. Kalimuthu	Global Congress on Sustainable Growth and Development 2025	Green Synthesis, Characterization and Biomedical Applications	INTI International University, Nilai, Malaysia	-

				of Silver Nanoparticles Using <i>Amphora anceps</i> Diatom Extract		
12	10-OCT-25	Dr. K. Kalimuthu	Global Congress on Sustainable Growth and Development 2025	Biogenic Silver Nanoparticles from <i>Gracilaria corticata</i> , Its Biological Potential and Toxicity Assessment	INTI International University, Nilai, Malaysia	-
13	07-JAN-26 to 08-JAN-26	Dr Arun P	DBT-CTEP sponsored Two-day National Conference on "Quantum Technologies and AI Applications: A New Era for the Life Science and Healthcare"	Quantum Machine Learning for Intelligent Disease Detection	Department of Computer Science with Cognitive Systems, Dr. N.G.P. Arts and Science College, Coimbatore	-
14	07-JAN-26 to 08-JAN-26	Dr Arun P	DBT-CTEP sponsored Two-day National Conference on "Quantum Technologies and AI Applications: A New Era for the Life Science and Healthcare"	Quantum Computing in Healthcare	Department of Computer Science with Cognitive Systems, Dr. N.G.P. Arts and Science College, Coimbatore	-
15	07-JAN-26 to 08-JAN-26	Mrs. C. R. Aarthi	DBT-CTEP sponsored Two-day National Conference on "Quantum Technologies and AI Applications: A New Era for the Life Science and Healthcare"	IoT enabled Quantum Agriculture: A review of emerging Computational Paradigms	Department of Computer Science with Cognitive Systems, Dr. N.G.P. Arts and Science College, Coimbatore	-
16	08-JAN-26 to 09-JAN-26	Dr. M. Shanmugavadivu	ANRF, CSIR-CMLRE and Centre for Peninsular Aquatic Genetic Resources, ICAR - NBFGR sponsored "National Conference on Marine Resources Conservation and Valorization for Blue Revolution"	Marine Organisms as Climate Smart Resources for Blue Revolution: Conservation Bioremediation and Bioeconomy	PG and Research Department of Microbiology, Vivekananda Arts and Science College for Women, Sankari, Salem	-
17	08-JAN-26 to 09-JAN-26	Mrs. C. R. Aarthi	ANRF, CSIR-CMLRE and Centre for Peninsular Aquatic Genetic Resources, ICAR - NBFGR sponsored "National Conference on Marine Resources Conservation and Valorization for Blue Revolution"	Sustainable sea weed mariculture and Value added utilization: Prospects and Practices in india, South korea and Japan	PG and Research Department of Microbiology, Vivekananda Arts and Science College for Women, Sankari, Salem	-

18	20-JAN-26	Dr. M. Shanmugavadivu	International Conference on "Recent Advances in Frontier Areas of Biotechnology"	Synthetic Biology for Sustainable Biomanufacturing	Department of Biotechnology, Dr. R.V. Arts and Science College, Karamadai	-
19	30-JAN-26	Dr. K. Arungandhi	International Conference on "Recent advances in Frontier areas of Biotechnology (ICRAFB'26)"	Bionanopharmaceuticals	Department of Biotechnology, Dr.R.V. Arts and Science College, Karamadai	-
20	30-JAN-26	Mrs. C. R. Aarthi	International Conference on "Recent advances in Frontier areas of Biotechnology (ICRAFB'26)"	Sea weed Based Bioremediation and Waste water Treatment	Department of Biotechnology, Dr.R.V. Arts and Science College, Karamadai	-
21	17-FEB-26 to 18-FEB-26	Dr. M. Shanmugavadivu	3rd International Conference on "Transdisciplinary Research in Life Sciences: Sustainable Innovations"	Hormone Toxicity: Understanding Cortisols genotoxic effects	Department of Life Sciences, Krishtu Jayanti Deemed to be University, Bengaluru	-
22	17-FEB-26 to 18-FEB-26	Dr. K. Arungandhi	3rd International Conference on "Transdisciplinary Research in Life Sciences: Sustainable Innovations"	Microbial Biotechnology in Sustainable development through Degradation of Plastic and Microplastic	Department of Life Sciences, Krishtu Jayanti Deemed to be University, Bengaluru	-

Students Presentation

S.No	Date	Name of the Student	Name of the event	Title of Presentation	Organization / Institution	Prize Won
1	24-JUL-25 to 25-JUL-25	K. Deepadharsan	National Conference on "Driving the Future with Biotechnology: Economy, Environment, and Employment-BIOE3"	Genetically engineered Anthocyanin-Rich Tomatoes For Functional Nutrition and Health promoting Diets	PSGR Krishnammal College for Women	-
2	24-JUL-25 to 25-JUL-25	Dina.K.V.	National Conference on "Driving the Future with Biotechnology: Economy,	AI and IoT-Integrated Precision Farming Technologies for Advancing Nutrient Use	PSGR Krishnammal College for Women	-

			Environment, and Employment-BIOE3	Efficiency and Sustainable Crop Production		
3.	24-JUL-25 to 25-JUL-25	Muthu Lakshmi. S	National Conference on “Driving the Future with Biotechnology: Economy, Environment, and Employment-BIOE3	Harnessing the Anti-Aging Potential of <i>D.carota</i> Peel: A Beta Carotene – Based face cream	PSGR Krishnammal College for Women	-
4.	24-JUL-25 to 25-JUL-25	Negadharsini. M	National Conference on “Driving the Future with Biotechnology: Economy, Environment, and Employment-BIOE3	Bioremediation of Pharmaceutical and Pesticide waste	PSGR Krishnammal College for Women	-
5.	24-JUL-25 to 25-JUL-25	Pirisha Shri. K. S	National Conference on “Driving the Future with Biotechnology: Economy, Environment, and Employment-BIOE3	Role of selenium Nanofertilizer in sustainable agriculture	PSGR Krishnammal College for Women	-
6.	27-JUN-25	Negadharsini. M	One day national seminar on “Sustainable Environment Management for Future Generations”	Environmental monitoring system	KG College of Arts and Science	II
7.	27-JUN-25	Pirisha Shri. K. S	One day national seminar on “Sustainable Environment Management for Future Generations”	Smart Technologies for Sustainable Communities	KG College of Arts and Science	-
8	12- AUG-25	K. Deepadharsan Dina KV	Theervuathon 2.0	Edge computing based precision farming	PSG College of Arts and Science, Coimbatore	-
9	12- AUG-25	Pavithraa Devi D J Ilakkiya SP Praisya Evanglin C	Theervuathon 2.0	Gro wshroom	PSG College of Arts and Science, Coimbatore	-
10	28- AUG-25	K. Deepadharsan	National Seminar on “ Recent Trends in Environmental	Microbe Fuel cell	Sri Ramakrishna College of Arts and Science	

			Microbiology: Focusing on Industries, Agriculture and Climate Change (EMIAC'25)"			
11	28- AUG-25	Dharashan S	National Seminar on “ Recent Trends in Environmental Microbiology: Focusing on Industries, Agriculture and Climate Change (EMIAC'25)”	Algal Based Biofuel	Sri Ramakrishna College of Arts and Science	
12	28- AUG-25	Varsha S	National Seminar on “ Recent Trends in Environmental Microbiology: Focusing on Industries, Agriculture and Climate Change (EMIAC'25)”	CRISPR -Engineered Soil Agriculture	Sri Ramakrishna College of Arts and Science	
15	4-SEP-25	Varsha .S	International Conference on “Frontiers in Biotechnology-25”	Synthetic Biology for Climate Resistance	Nandha Arts and Science college	
16	4-SEP-25	Monisha M	International Conference on “Frontiers in Biotechnology-25”	Soil Microbial	Nandha Arts and Science college	
17	24-SEP-25	Nathiya K	10 th International Conference on “Recent Advances in Bioscience”	CRISPR-Cas9 engineered stem cell transplantation for the treatment of Type I diabetes mellitus	KSG College of Arts and Science	
18	24-SEP-25	Harshaa J	10 th International Conference on “Recent Advances in Bioscience”	Harnessing CRISPR in culex mosquitoes for precision control of west Nile virus transmission	KSG College of Arts and Science	
19	24-SEP-25	Vanjani N	10 th International Conference on “Recent Advances in Bioscience”	Single cell genomics pancreatic cancer , towards personalized therapeutics	KSG College of Arts and Science	
20	10-OCT-25	Harshiga R, Dharani Priya K	Global Congress on Sustainable Growth and Development 2025	From Stem Cells to Organoids: Redefining Disease Models and Transplantation (Best Presenter Award)	INTI International University, Nilai, Malaysia	Best Presenter
21	10-OCT-25	Padma Raj, Muthu Lakshmi S, Dhapaswine M S	Global Congress on Sustainable Growth and Development 2025	Bioluminescence – Glowing Wonders in Marine World: A Review	INTI International University, Nilai, Malaysia	-

22	10-OCT-25	Shifa Sherin M M, Mohammed Fazil K, Kirubha V, Negadharsini M, Mega Varshini S	Global Congress on Sustainable Growth and Development 2025	Assessment of Kuyyali River's Influence on Surrounding Water Bodies: A Quality and Impact Study	INTI International University, Nilai, Malaysia	-
23	10-OCT-25	Tharshanapriya K	Global Congress on Sustainable Growth and Development 2025	Pharmacological Effects of <i>Glycyrrhiza glabra</i> Linn	INTI International University, Nilai, Malaysia	-
24	10-OCT-25	N. Chitra, Raju Vivek	Global Congress on Sustainable Growth and Development 2025	Green Synthesis of Zinc Oxide Nanoparticles from <i>Millettia pinnata</i> Leaf Extract	INTI International University, Nilai, Malaysia	-
25	10-OCT-25	Hari Priya G, Srinithi M, Pavithra M	Global Congress on Sustainable Growth and Development 2025	Biodiesel Production from Microalgae through Biological Carbon Capture	INTI International University, Nilai, Malaysia	-
26	10-OCT-25	Sussmitha Kumaresan, Antony Berlin Antony Peter, Shyni Mahadevan, Bavadharini M, Sandhiya Sivasubramaniam, Hemadharshini Arumugam, Nandhini Gopalakrishnan, Pirisha Shri Kandasamy SenthilKumar, Dharani N	Global Congress on Sustainable Growth and Development 2025	Lauric Acid Incorporated Gluten–Chitosan Based Biocomposite Fabric for Food Packaging	INTI International University, Nilai, Malaysia	-
27	10-OCT-25	Sussmitha Kumaresan, Antony Berlin Antony Peter, Shyni Mahadevan, Bavadharini M,	Global Congress on Sustainable Growth and Development 2025	Chitosan–Flaxseed Mucilage Films Infused with Citrus Extracts for Food Safety and Sun Protection	INTI International University, Nilai, Malaysia	-

		Sandhiya Sivasubramaniyam, Hemadharshini Arumugam, Nandhini Gopalakrishnan, Pirisha Shri Kandasamy SenthilKumar, Dharani N				
28	10-OCT-25	Dharsana, Aryanandha, Aathishvar, Sri Yoshitha A	Global Congress on Sustainable Growth and Development 2025	Green Synthesis, Characterization and Biomedical Applications of Silver Nanoparticles Using <i>Amphora anceps</i> Diatom Extract	INTI International University, Nilai, Malaysia	-
29	10-OCT-25	Priyadharshini B, Varshini, Dharsini T K, Rohan Christopher, Sridevika M	Global Congress on Sustainable Growth and Development 2025	Biogenic Silver Nanoparticles from <i>Gracilaria corticata</i> , Its Biological Potential and Toxicity Assessment	INTI International University, Nilai, Malaysia	--
30	10-OCT-25	K. Deepadharsan, Dina K V, Yuvan Ambhariesh A C, HarishKumar A, Aswath S M	Global Congress on Sustainable Growth and Development 2025	Role of Plant-Associated Microbes for Improving Plant Resilience to Drought and Salinity Stress Mitigation	INTI International University, Nilai, Malaysia	-
31	10-OCT-25	Anujha Sellamuthu, Divya Dharshini Jeya Kannan, Jyothi Krishna Velayudhan, Rahul Ramesh	Global Congress on Sustainable Growth and Development 2025	Green Synthesis, Characterization and Biological and Toxicological Assessment of Silver Nanoparticles (AgNPs) from the Red Alga <i>Laurencia cruciata</i>	INTI International University, Nilai, Malaysia	-

32	10-OCT-25	Antlin Dhebora M, Nathiya K, Harshaa J, Vanjani N, Rojanasri S	Global Congress on Sustainable Growth and Development 2025	Emerging Trends in Microbial Consortia-Mediated Food Waste Management	INTI International University, Nilai, Malaysia	-
33	10-OCT-25	Darshini S, Boomika Shree S C, Pandidurai N, Deepika A, Sabarinathan S	Global Congress on Sustainable Growth and Development 2025	Biodegradation of Plastics by Soil Actinobacteria: A Focus on <i>Kribbella</i>	INTI International University, Nilai, Malaysia	-
34	07-JAN-26 to 08-JAN- 26	Poovi Arasi RV Aswath S M	Two days National Seminar on Quantum Technologies and AI Applications: A new era for the Life sciences and Healthcare	Quantum Machine Learning for Intelligent Disease Detection	Department of Computer Science with Cognitive Systems, Dr. N.G.P. Arts and Science College, Coimbatore	-
35	07-JAN-26 to 08-JAN- 26	Dina K.V	Two days National Seminar on Quantum Technologies and AI Applications: A new era for the Life sciences and Healthcare	IoT - Enabled Quantum Agriculture : A review	Department of Computer Science with Cognitive Systems, Dr. N.G.P. Arts and Science College, Coimbatore	-
36	08-JAN-26 to 09-JAN- 26	Hari Priya G	National Conference on Marine Resource Conservation and Valorization for Blue Revolution (MRCVBR-2026)	Marine waste valorization for circular blue economy	Vivekananda Arts and Science College for Women	-
37	08-JAN-26 to 09-JAN- 26	Dharani N	National Conference on Marine Resource Conservation and Valorization for Blue Revolution (MRCVBR-2026)	Pollution-driven ecological phase shifts in coral reefs: Interactive effects of nutrient enrichment, sedimentation, thermal stress	Vivekanandha Arts and Science College for Women	-
38	23-JAN-26 to 24-JAN- 26	Deepadharsan K, Dhapaswine M	Two-day international research conference (NGPVSIT2026) on "Digital Innovation and Transformation with Emerging Trends for Sustainable Development"	Co-teaching with robots: A new pedagogical partnership	Dr. N.G.P. Arts and Science College, Coimbatore and Vidyalkar School of Information Technology, Mumbai	-

39	23-JAN-26 to 24-JAN-26	Dhanushiya .S	Two-day international research conference (NGPVSIT2026) on "Digital Innovation and Transformation with Emerging Trends for Sustainable Development"	Artificial Intelligence and Multi Omics Intergration for Precision Biotechnology and Personalized Medicine	Dr. N.G.P. Arts and Science College, Coimbatore and Vidyalkar School of Information Technology, Mumbai	-
40	23-JAN-26 to 24 JAN-26	Dhanushiya .S	2- Day National Conference on Biodiversity and Conservation Challenges	Plant molecular systematics	PG & Research Department of Botany Saraswathi Narayanan College, Madurai	-
41	23-JAN 2026	Mohana sri.D	International Conference on Innovations in Computing and Biosciences.	An overview of the expanding scopes of bioinformatics	Sri Ramakrishna College of Arts and Science for Women, Coimbatore	-
42	23-JAN 2026	Dhanushiya .S	International Conference on Innovations in Computing and Biosciences.	Paper based biosensor for stress and dehydration monitoring	Sri Ramakrishna College of Arts and Science for Women, Coimbatore	-
43	30-JAN-26	Aswath S M Varshini U K	International Conference on "Recent advances in Frontier areas of Biotechnology (ICRAFB'26)	Bionanopharmaceutical	Dr. R.V. Arts and Science College, Karamadai	-
44	17-FEB-26 to 18-FEB-26	Deepadarshan K	3rd International Conference on Transdisciplinary Research in Life Sciences (ICTRLS): Sustainable Innovation	Emerging plant microbe interactions for enhanced stress tolerance in sustainable agriculture	Department of Life Sciences, Kristu Jayanti (Deemed to be University), in collaboration with The University of Florida, USA, Sophia University, Japan, and TDU, Bengaluru	-
45	17-FEB-26 to 18-FEB-26	Parvathy K	3rd International Conference on Transdisciplinary Research in Life Sciences (ICTRLS): Sustainable Innovation	Repurposing sterile combs for high-throughput agarose microwell generation in 3d tumor modeling	Kristu Jayanti Deemed to be University, Bengaluru	-

46	17-FEB-26 to 18-FEB-26	Dina K V	3rd International Conference on Transdisciplinary Research in Life Sciences (ICTRLS): Sustainable Innovation	CRISPR Driven Sustainable Agriculture Precision Editing for Climate Resilient Crops	Kristu Jayanti Deemed to be University, Bengaluru	-
47	17-FEB-26 to 18-FEB-26	Deepadarshan K, Varsha S	3rd International Conference on Transdisciplinary Research in Life Sciences (ICTRLS): Sustainable Innovation	Leveraging plant Microbe Interaction for Enhanced stress Tolerance in Sustainable Agriculture	Kristu Jayanti Deemed to be University, Bengaluru	-
48	17-FEB-26 to 18-FEB-26	Jyotsna Joy, Nooruz Shafa G	3rd International Conference on Transdisciplinary Research in Life Sciences (ICTRLS): Sustainable Innovation	Advancing sustainable development through Pseudomonas putida: From pollutant degradation to circular bioprocessing	Kristu Jayanti Deemed to be University, Bengaluru	-
49	17-FEB-26 to 18-FEB-26	Nanditha M	3rd International Conference on Transdisciplinary Research in Life Sciences (ICTRLS): Sustainable Innovation	Mushrooms as Decomposers of dead and Decaying matter	Kristu Jayanti Deemed to be University, Bengaluru	-
50	17-FEB-26 to 18-FEB-26	Nuthana R Devadharshini P	3rd International Conference on Transdisciplinary Research in Life Sciences (ICTRLS): Sustainable Innovation	Phytochemistry and Food Science	Kristu Jayanti Deemed to be University, Bengaluru	-
51	17-FEB-26 to 18-FEB-26	Gopinath B Sanjay S	3rd International Conference on Transdisciplinary Research in Life Sciences (ICTRLS): Sustainable Innovation	Sustainable Innovation through Phytochemistry and Food Science	Kristu Jayanti Deemed to be University, Bengaluru	-
52	17-FEB-26 to 18-FEB-26	Gladisha Rose J Kamini K	3rd International Conference on Transdisciplinary Research in Life Sciences (ICTRLS): Sustainable Innovation	Microbial Biotechnology in Sustainable development through Degradation of Plastic and Microplastic	Kristu Jayanti Deemed to be University, Bengaluru	-

Book / Book Chapters Publications

S.No	Date	Name of the Staff	Name of the Book	Name of the Publisher	Year of publication	ISBN
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1	AUG-25	Dr. M.N. Kathiravan	Precision Agriculture with wireless Sensor network using a Hybrid K-Means-DNN Model for Efficient irrigation	1st International Conference on Radio Frequency Communication and Networks (RFCoN). IEEE, 2025.	2025	978-8-3315-1316-0
2	SEP-25	Dr. M.N. Kathiravan	Leveraging IoT & CNN-CBAM for Early Blight detection and Optimal Fungicide application in Potato and Tomato Crops	International Conference on Distributed Systems, Computer Networks and Cybersecurity (ICDSCNC). IEEE, 2024.	2025	979-8-3503-7544-2
	DEC-25	Dr. M.N. Kathiravan Dr. P. Chidambara Rajan Dr. K Kalimuthu	Molecular Docking: Experimental practices in Drug designing	Knot Publications	2025	978-81-983145-3-6
	DEC-25	Dr. Radha Palaniswamy Dhanushiya.S, Soniya.V	Book chapter on “Marine Bacteria for Bioremediation of Polluted Marine Environments: A Blue Revolution Approach” In Book : Advances in life science: concepts, trends and application	Nature Light Publications, Pune	2025	978-93-49938-97-7