

Department of Microbiology– AY 2025-26

Department Activities

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	22-DEC-25 & 23-DEC-25	Dr. A. Balamurugan Group Leader & QC Microbiology Lab, Solara Pharma Sciences Pvt Ltd, Cuddalore	Microbiological Testing Methods and Quality Assurance in Pharmaceutical Microbiology
2	19-JAN-26	Dr. Challaraj Emmanuel E.S. Associate Professor at the Department of Life Sciences, Kristu Jayanti College, Bengaluru.	The Amazing World of Nanostructured Materials
3	10-FEB-26	Dr.A.M.Ramachandran and Dr.R.Mahenthiran, Professors, Department of Microbiology, DrNGPASC	Bio-Contamination Strategies and Quality Metrics in Pharma Industry
4	19-FEB-26	Dr. B. Ramalingam Scientist 'F' and Senior Deputy Director, Department of Immunology, National Institute for Research in Tuberculosis	Immunomodulatory Role of Vitamin D3 in Tuberculosis
5	25-FEB-26	Dr. G. Velmurugan, M.Sc., Ph.D. Scientist, Chemomicrobiomics Laboratory Department of Biochemistry & Microbiology KMCH Research Foundation Coimbatore – 641 014	Microbiome: The Invisible, Entangled Thread Interwoven Across the Three Domains of One Health

Workshop Organized

S. No	Date	Event Type	Resource Person	Title of the Event
1	5-DEC-25	Knowledge Enrichment Programme	Dr. M. N. Kathiravan Professor, Department of Biotechnology, DRNGPASC	Molecular Phylogenetics
2	13-DEC-25	Workshop	Dr.C.Brindha Scientist (Microbiology), Genoll Lab (Southampton UK), Coimbatore	Advanced Immunotechniques
3	17-DEC-25	Workshop	Dr.S.Senthilprabhu and Dr.R.Mahenthiran Department of Microbiology, Dr.N.G.P. Arts and Science College.	Bioactive Compounds from Basidiomycetes (Higher Fungil
4	10-JAN-26	Workshop (Academic Enrichment Programme)	Dr. C. Sasikala, Professor, Department of Microbiology and Dr. J. Devakumar, Assistant Professor, Department of Microbiology, Dr. N.G.P. Arts and Science College	Pioneers of Next Generation Biological Research: Hydra and Zebrafish
5	12-JAN-26	Workshop (Academic Enrichment Programme)	Dr. C. Sasikala Professor, Department of Microbiology and Dr. J. Devakumar Assistant Professor, Department of Microbiology, Dr. N.G.P. Arts and Science College	Translational Applications of Model Organisms in Materials and Drug Discovery: Hydra and Zebrafish Model
6	31-JAN-26	Hands on Training	Dr.A.M.Ramachandran and Dr.R.Mahenthiran, Assistant Professor, Department of Microbiology, Dr. N.G.P. Arts and Science College	Practical Perspectives on Microbiology Studies
7	10-FEB-26	Interdepartmental Workshop	Dr.N.Vidhya, Dr.C.Sasikala and Dr.V.Keerthana Professors, Department of Microbiology, DrNGPASC	Practical Workshop on Industrial Microbiology and Fermentation Techniques

8	13-FEB-26	Workshop	Dr.J.Devakumar and Dr.S.Karthik Sundaram Professors, Department of Microbiology, DrNGPASC	Chromatography Techniques
9	25-FEB-26	Workshop	Ms. Shalini Shanmugasundaram, M.D. Desha Superfoods, Tirupur, Mr. Praveen Ramachandran Agaram Biotech, Avinashi, Tirupur Dt, Mr. Karuvel Raja Genolites Research and Development Laboratory	Industry Connect (Bridging Industry and Academia)
10	3-MAR-26	Workshop	Dr. J. Rengaramanujam Professor & Head, Dr. S. Senthil Prabhu, Professor Dr. R. Mahenthiran, Associate Professor Department of Microbiology Dr. N.G.P. Arts and Science College	Cross Disciplinary Workshop on A Hands-On Skills Workshop for Non-Microbialogists

Symposium Organized

S. No	Date	Topic	Resource Person
1	19-Feb-26 & 20-Feb-26	Integrating Modern Bioscience Research, Indian Knowledge Systems (IKS) and One Health Approaches to Combat Infectious Diseases and Antimicrobial Resistance (AMR)”	Dr. Garima Gupta – Scientist ‘F’, Department of Biotechnology, Government of India
			Dr. R. Rajendran – Associate Professor and DBT Task Force Member
			Dr. Varun Sundaramoorthy – Department of General Medicine and Infectious Diseases, KMCH, Coimbatore

			Dr. Aravind Dhanush – Medicinal Botany Expert, National Institute of Siddha, Chennai
			Dr. B. Ramalingam – Scientist ‘F’ and Senior Deputy Director, Department of Immunology, National Institute for Research in Tuberculosis
			Dr. R. Kaushik – Assistant Professor, Department of Microbiology, Central University of Tamil Nadu
			Dr. Shanmugam Achiraman – Professor, Chemical Ecology Research Lab, Bharathidasan University
			Dr. Anantha Ramakrishnan Sankar – Deputy Director – Viral Vaccine Operations (MMR), Serum Institute of India
			Dr. Anand Anbarasu – Professor (Higher Academic Grade), Vellore Institute of Technology
			Dr. Parthasarathy Ayothi – National Post-Doctoral Fellow, Indian Institute of Technology Madras
			Dr. Challaraj Emmanuel E. S. – Associate Professor, Department of Life Sciences, Kristu Jayanti (Deemed to be University), Bengaluru

Extension Activities

S. No	Date	Nature of Extension	Place	No. of students involved
1	27-Dec-25	Extension Activity on “Personal Hygiene” (To the Roadside Vendors)	Kalapatti & Nehru Nagar	15
2	21-Jan-26	Extension activity on Clean and Disease free Village	Velliankadu	41

Staff Participation

S. No	Date	Faculty Name	Nature of the Event	Title of the Programme	Organized By
1	8-JAN-26	Dr.C.Sasikala	Workshop	Alternative Animal Models for Research and Innovation	Department of Biotechnology, PSGR Krishnammal College for Women
2	8-JAN-26	Dr.J.Devakumar	Workshop	Alternative Animal Models for Research and Innovation	Department of Biotechnology, PSGR Krishnammal College for Women
3	30-JAN-26	Dr.S.Senthil Prabhu	Conference	National Conference on Modern Approaches in Microbila Science	SNMV College, coimbatore
4	10-FEB-26	Dr.S.Senthil Prabhu	Workshop	“Emerging Technologies in Green Chemistry: Pathways to Sustainable Development”	ITM SLS Baroda University, Vadodara, Gujarat
5	18-FEB-26	Dr.A. M. Ramachandran	FDP	Interdisciplinary applications of Science and Articial Intelligence for Sustainable Development	RVS College of Arts and Science
13	29-JAN-26 & 30-JAN-26	Dr. S. Karthik Sundaram	International Conference	Microbiological Research for Health and Well-being (ICMRHW-2026)	Periyar University, Salem Microbiology Society of India, Manipal University College, Malaysia

Staff Presentation

S. No	Date	Faculty Name	Name of the Event	Title	Organized by
1	17-DEC-25	Dr. S. Karthik Sundaram	National Conference	National Conference on Microbiome Centered Sustainable Approaches to Health and Environmental Monitoring	Karpagam Academy of Higher Education
2	23-JAN-26	Dr.C.Sasikala	International	Intergrated Approaches on Biodegradation of textile Dyes	Sri Ramakrishna College of Arts and Science for Women, Coimbatore in collaboration with Quest University, Malaysia.
3	29-JAN-26	Dr. J. Devakumar	International Conference	Microbiological Research for health and well-Being(ICMRHW-2026)	Department of Microbiology, Periyar University
4	23-JAN-26	Dr. AM. Ramachandran	International Conference	Microbiological Research for health and well-Being(ICMRHW-2026)	Department of Microbiology, Periyar University
5	29-JAN-26	Dr.S.Karthik Sundaram	International Conference	Microbiological Research for health and well-Being(ICMRHW-2026)	Department of Microbiology, Periyar University
6	29-JAN-26	Dr. R. Mahenthiran	International Conference	Microbiological Research for health and well-Being(ICMRHW-2026)	Department of Microbiology, Periyar University
7	29-JAN-26	Dr. N. Vidhya	International Conference	Microbiological Research for health and well-Being(ICMRHW-2026)	Department of Microbiology, Periyar University
8	29-JAN-26	Dr. V. Keerthana	International Conference	Microbiological Research for health and well-Being(ICMRHW-2026)	Department of Microbiology, Periyar University
9	29-JAN-26	Dr. S. Senthil Prabhu	National Conference	Modern Approaches in Microbial Sciecne	Department of Microbiology, SNMV, Coimbatore
10	29-JAN-26	Dr.S.Karthik Sundaram	National Conference	Modern Approaches in Microbial Sciecne	Department of Microbiology, SNMV, Coimbatore

Achievements of Faculty

S. No	Date	Faculty Name	Name of the Award	Awarded by
1	June- Dec 2025	Dr. S. Senthil Prabhu	Tooper 5 % in NPTEL cou on Genetic Engineering & Applicationsrse	NPETL
2	4-MAR-26	Dr. J. Rengaramanujam	Best Fund Mobilizer award	Dr. N.G.P. Research and Innovation award by Dr. N.G.P. Arts and Science College

MOOC Courses Completed - Faculty

S. No	Date	Faculty Name	Name of the Course	Course provider
1	June- Dec 2025	Dr. S. Senthil Prabhu	AICTE Mooc Evaluated Patent Course	Turunip

Faculty as Resource Person

S. No	Date	Faculty Name	Name of the Event	Organized by
1	6-JAN-26 to 10-JAN-26	Dr. S. Senthil Prabhu	FDP on Lichens as Biofactories	Scared Heart College, Tirupattur

Alumni Interaction

S. No	Date	Event Name	Venue
1	9-JAN-26	Virtual Alumni Meet On Lab Legends Reunion	Google Meet
2	24-JAN-26	Virtual Alumni Meet on From Microbiology to Milestones	Google Meet
3	26-JAN-26	Alumni reunion - 2026	B1 - 1311

Journal Publications

S. No	Faculty Name	Title of the Paper	Journal Name	Volume / Issue / Page No.	ISSN Number
1	Dr.A.M.Ramachandran	On-Site Study of Lipophilic Bacteria in the Bioremediation of Polycyclic Aromatic Hydrocarbons (PAH) from Automotive Grease / Engine Oil Spills	Indian Journal of Natural Sciences	16(93), 103616-103626	0976 – 0997
2	Dr.A.M.Ramachandran	Gloriosa Superba (L.): A Current Review Of Its Phytochemical Properties And Anti-Bacterial Activities	Journal of Dental and Medical Sciences	24(12), 21-28	2279-0853
3	Dr.J.Devakumar	Profiling of Phytoconstituents and Antimicrobial Evaluation of Wrightia tinctoria Leaf Extracts	Indian Journal of Natural Sciences	16(93), 103472-103485	0976 – 0997
4	Dr. S. Senthil Prabhu	Unlocking the Benefits of Antioxidants Beta Carotene and Quercetin Potential for Female Health	International Journal of Pharmaceutical Sciences	1(4) 3052-3074	0975-4725
5	Dr. S. Senthil Prabhu	Aldehyde-Mediated Neurotoxicity and Lutein Intervention: A Novel Therapeutic Strategy for Alzheimer's Disease	International Journal of Pharmaceutical Sciences	1(4) 1787-1802	0975-4725

Conference Proceedings

S. No	Date	Faculty Name	Title of the Paper	Event Name	ISBN
1	Jan-26	Dr. J. Devakumar	Development of Anti-Fungal Spray using Shewanella oneidensis MR-1 STRAIN	International Conference on Innovations in Computing and Biosciences, January 23, 2026	978-93-5635-850-8
2	16-Dec-25	Dr. S. Karthik Sundaram	Innovative control Measures and alternative Treatments for combating multi-drug-Resistant pathogens	Microbiome - Centered Sustainable Approaches to Health and Environmental Monitoring (MSAUHE-2025), KAHE	978-93-49019-88-1
3	16-Dec-25	Dr. S. Karthik Sundaram	Essential Oils As Anti-Biofilm And Quorum Sensing Inhibitors Against Acne-Causing Bacteria	Microbiome - Centered Sustainable Approaches to Health and Environmental Monitoring (MSAUHE-2025), KAHE	978-93-49019-88-1
4	16-Dec-25	Dr. S. Karthik Sundaram	Bio-Inspired Synthesis Of Zinc Oxide And Copper Oxide Noparticles For Targeted Suppression Of Phytopathogens	Microbiome - Centered Sustainable Approaches to Health and Environmental Monitoring (MSAUHE-2025), KAHE	978-93-49019-88-1
5	23-JAN-26	Dr. S. Karthik Sundaram	Fungal Innovations and Their Applications in Healthcare and Environment	International Conference on "Innovations in Computing and Biosciences"	978-93-5635-850-8

Student Participation / Presentation

S. No	Date	Student Name	Name of the Event	Organized by
1	9-JAN-26	NITHYAKIRUBA.M	Introduction to clinical pharmacology and therapeutics	Cursa [NIH Center]
2	23-JAN-26	Vinoth Kumar K	International Conference	Sri Ramakrishna College of Arts and Science for Women, Coimbatore in collaboration with Quest University, Malaysia.
3	23-JAN-26	Sarvanas V	International Conference	Sri Ramakrishna College of Arts and Science for Women, Coimbatore in collaboration with Quest University, Malaysia.
4	23-JAN-26	Sowmiya.M	ICBS26	Sri Ramakrishna college of arts and science for women
5	19-DEC-25	Boomika S	Drawing competition	Nadar Saraswathi Educational Institutions
6	16-DEC-25	Sree Ram C	National conference on "Microbiome centred sustainable approach to health and environmental monitoring"	Karpagam academy of higher education
7	29-JAN-26	Sree Ram C	International conference on microbiological research for health and well being(ICMRHW'26)	Periyar University, salem
8	19-FEB-26	Sree Ram C	XIX Louis Pasteur National Symposium On Integrating Modern Bioscience Research,Indian Knowledge Systems(Iks) And One Health Approaches To Combat Infectious Diseases And Amr	Dr.N.G.P.Arts and science college
9	16-DEC-26	ALFO JEF	National Conference on "Microbiome centered sustainable Approaches to Health and Environmental Monitoring	Karpagam Academy Of Higher Education

Student Awards Won

S. No	Date	Student Name	Name of the Award	Awarded by
1	13-DEC-25	P. Mohanaprabha	Math Sketching	Department of Mathematics
2	13-DEC-25	Tamilarasi S	Match Sketching	Department of Mathematics
3	17-DEC-25	Shruthi. M	Microbiome based approaches to prevent lifestyle disease	Karpagam academy of higher education
4	5-DEC-25	Shruthi. M	Guardias of the ground ; Microbes protecting soil health	Department of microbiology
5	17-DEC-25	Vidhya shri S	3rd prize, Microbiome based approaches to prevent lifestyle diseases	Karpagam academy of higher education
6	12-FEB-26	Gayathri S	Squid game participate certificate	Department of AIML
7	16-DEC-25	Roshini Abhinaya R	Third prize for oral presentation	Karpagam academy of higher education
8	4-MAR-26	ALFO JEF	Certificate of appreciation for serving as Executive member in SDC	College
9	19-FEB-26	Sree Ram C	Best Idea pitching award	Department of microbiology

Industrial Visit

S. No	Date	Class	Visit to	Beneficiaries
1	23-DEC-25	I B. Sc., & II B. Sc.,	CMFRI - Kochi	82
2	22-JAN-26	III B. Sc.,	Masco Tea Factory, Vagamon	43