

Department of Biochemistry – AY 2024-25

Department Activities

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	31-JUL-2024	G.Karthika-HR Executive G.Sruthi- Branch Manager Dr.R.Radhika-Trainer, Thought Flows Asia's No 1,Leading medical coding Academy,Coimbatore.	Awareness on Medical Coding Placement readiness
2	13-AUG-2024	Dr.K.Murugan, CSIR-Emeritus Scientist Industrial Research, Government of India, Department of Zoology,Bharathiar University, Coimbatore-46	“Biological Insect Pest Management- Nanotechnology Approach”
3	09-SEP-2024	Mr.V.Balaji Managing Director Galleon Pharmaceuticals, G.N.Mills, Coimbatore	Oppurtunities and Challenges for Younger Generation
4	27-SEP-2024	Dr. Shri Preethi, Team Lead - Genome Analyst (Clinical) at Mediomix, Bangalore.	Next-Generation Sequencing (NGS) and its transformative role in clinical genomics,
5	07-OCT-2024	Dr.R. Rajasekaran, Sri Sairam Institute of Technology	“Role of Nonionizing radiation in Cancer Diagnosis and Research applications”
6	25-FEB-2025	Mr.Murugesan, Booth Regional Teachers Educational Officer, Coimbatore	To sensitize the Students with Opportunities available in Government Sector
7	29-MAR-2025	Mr.R.Karukuvelraja, Managing Director, Genolites Private Limited, Coimbatore.	Forensic Science: A Gateway To Entrepreneurial Success

8	02-APR-2025	Dr.G.kumaresan Professor and head, Department of Genetics, Chairperson - School of Biological science, Madurai kamaraj University, Madurai,India	Emerging insights in Genomic Medicine & Population Genomics
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Seminar / Workshop / Conferences organized

S. No.	Date	Nature of the Event (Conference/ Seminar/ Workshop)	Title of the Event	Resource Person
1	28-AUG-2024 - 30-AUG-2024	Workshop	Biological Curiosities: An Experimental Workshop	School Students(For 11 th and 12 th Std Students)
2	2-SEP-2024 - 4-SEP-2024	Workshop in Association with KMCH College of Pharmacy	Instrumentation training on HPLC , HPTLC Handling of Animal Model	UG &PG Biochemistry Students
3	11-SEP-2024	Workshop	Handling of Zebra Fish as an Animal Model	Dr.M.Kaviya Assistant Professor Dept of Biochemistry, Dr.N.G.P ASC, Cbe
4.	23-SEP-2024 - 25-SEP-2024 & 30-SEP-2024	Workshop in Association with KMCH-IHSR	Clinical Lab Techniques and Case Study Analysis	UG &PG Biochemistry Students
5	28-DEC-2024	Training Program	Hands-on Training on Spirulina and Azolla Cultivation techniques, Value addition and E-commerce	10 Self Help Group members, 10 Faculty members and 10 students

6	23-JAN-2025	Workshop	Patent and Copyright writing	Mrs.M. Anjali
7	25-JAN-2025	National seminar	Indian Knowledge System entitled 1. Personality Development through Indian Knowledge System and 2. Clinical Trials and Traditional Medicine System	1. Mr. Ripunjay Bhargava, Founder of Self to Self Bhopal 2. Dr. N. Thamizh Selvam, Assistant Director - Biochemistry, National Ayurvedha Research Institute for Panchakarma

Student Development Programme

S. No.	Date	Title	Resource Person
1	26-JUL-2024	Screening Methods for Antimicrobial and Antioxidant Properties	Dr.T.Indhumathi
2	27-DEC-2024	Genetic Testing Techniques	Ms. Naveena K, II M.Sc. Biochemistry
3	01-FEB-2025	Preparing for National Exams NET, GATE, JES, JGEEBILS	Ms. Naveena K, II M.Sc. Biochemistry
4	15-FEB-2025	Toxicity Assays	Ms. Vidhya Shree M, II M.Sc. Biochemistry

Faculty Professional Development Programme

S. No.	Date	Title	Resource Person
1.	18-OCT-2024	“Zebra fish Embryo Toxicity assays”	Mr. Ashok Sundar V Senior Research Fellow KMCH Research Foundation
2	31-DEC-2024	Era of Molecular Diagnostics Techniques	Dr. R. Suganthi, Professor, Dept. of Biotechnology, Dr. NGPASC, Coimbatore
3	01-FEB-2025	Training on Indirect ELISA	Dr. R. Mahenthiran, Assistant Professor, Dept. of Microbiology, Dr. NGPASC
4	15-FEB-2025	SheRNI Portal and Networking Opportunities	Mr. M. Muthukrishnan, Librarian, Dr. NGPASC, Coimbatore
5	17-FEB-2025 to 21-FEB-2025	5 DAYS ONLINE FACULTY DEVELOPMENT PROGRAMME ON "Computational Biology and Advanced Research in Life sciences"	1). Dr. P. Ravikumar, Sr. Scientist and Head, Iyarvi Research Center for Bioinformatics (IRCB), Erode - 638 452, 2). Dr. Kalaiselvi Senthil M.Sc., Ph.D., NET Professor (CAS) Department of Biotechnology, Biochemistry and Bioinformatics Avinashilingam Institute for Home science and Higher Education for women, 3). Dr.M.Jayakanthan Assistant Professor Department of Plant Molecular Biology and Bioinformatics CPMB & B, TNAU Coimbatore-007, 4). Prof Dr.A.Viiaya Anand Ph.D.,

			Professor and Head, Department of Human Genetics and Molecular Biology Bharathiar UniversityTN, 5). Dr.N.Saranya Assistant Professor Department of Plant Molecular Biology and Bioinformatics CPMB & B, TNAU Coimbatore-007
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Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1.	23-JUL-2024	Outreach Activity in Association with Eco Club Establishment of Herbal Garden in Corporation Girls	Higher Secondary School, Reganathapuram, Coimbatore	UG Biochemistry Students
2.	29-NOV-2024- 30-NOV-2024	Stem Exhibition in kovai Vizha	Corporation Middle school, Siddhapudhur, Coimbatore	UG Biochemistry Students
3	26-FEB-2025	Science models presentation	Government Schools	4 UG students from each department of Biochemistry
4.	28-FEB-2025	National Sciences Day Celebrations, Exploring Sciences: Hands on Experiments And Competition	RJ Matriculation Higher secondary School, Vilankurichi & RamaKrishna Matriculation School.	10 Students from I B.Sc., Biochemistry & II B.Sc., Biochemistry

Co-curricular Activities

S.No	Date	Name of the Event
1.	09-OCT-2024	Intercollegiate Competition, (150 outside participants)
2.	21-FEB-2025	Industrial Visit- NIFTEM, Thanjavur
3.	28-FEB-2025	Field Visit - ICAR-SBI, Coimbatore
4.	04-MAR-2025	Intercollegiate Competition – Hackovation 2K25

Other Activities

S. No.	Date	Title	Resource Person
1.	14-OCT-2024 -15-OCT-2024	Teachers' Competency Development Programme	Dr. Ragavendra Ramappa Talent Development Centre IISC Bangalore
2.	15-OCT-2024	Young Scientist 100- Talent Search Programme As part of Celebration of Abdul Kalam Birthday.... Events: Display of Scientific exhibits and Competitions for school children	Thiru.R.Gunasekaran Corporation Educational officer, Coimbatore
3	26-MAR-2025	STEM FEST 2025	Corporation Educational Officer, CEO, AppViewX, 400 school students

Alumni Interaction

S. No.	Date	Title	Alumni
1	02-SEP-2024	"High-Demand Careers in Saudi	Mr.JessinGeorge, Biochemist, Olaya Medical Hospital, Riyadh, Saudi Arabia

		Arabia: Opportunities to Explore”	
2	04-SEP-2024	Core Competencies for Pharmaceutical Career	Mr. M. Buvaneshwaran Zonal Manager EMCURE Pharmaceuticals Sydenhams Road, Choolai Chennai - 600007

Department Achievements

Awards and Prizes for Staff

S.No	Date	Name of the Staff	Name of the Award	Awarded by
1	20-JUN-2024- 30-JUL-2024	Dr.K.Rajathi	Mentor, ATL Tinkerpreneur bootcamp 2024	ATAL Innovation Mission
2	03-OCT-2024	Dr.K.Swathi	Best Poster Presentation	Thanthai Hans Roever College
3	12-NOV-2024	Dr.K.Rajathi	Project Coordinator, Establishment of Startup TN Pre Incubation Centre	Honourable Deputy Chief Minister Thiru. Udhayanidhi Stalin and Thiru T.M. Anbarasan, Minister of Micro, Small, and Medium Enterprises.Startup TN

Staff Recognitions

S. No.	Date	Name of the Staff	Nature of Recognition	Organization / Institution
1	18-JUN-2024	Dr.K.Rajathi	Orientation session in ATAL school	Lions Matric Higher secondary school, Aval Poondurai, Erode
2	18-JUN-2024	Dr.K.Rajathi	Orientation session in ATAL school	Shree Vidyalaya Matric Higher secondary school, Gobi
3	23-JUN-2024	Dr.K.Rajathi	Free online National level seminar cum lecture on Recent Developments and Research in Phytomedicine	Progrezz Academic Training and Research Institute, Tirupur
4	1-AUG-2024	Dr.K.Rajathi	Hands on Workshop on Technological Innovations	Lions Matriculation Higher Secondary School, Aval Poondurai
5	5-AUG-2024	Dr.T.Indhumathi	Reviewer	Pharmacognocny Magazine
6	17-AUG-2024	Dr.K.Rajathi	Guest Lecture on Entrepreneurship	Commerce Club, Dr.N.G.P.Arts and Science College
7	28-AUG-2023 - 28-AUG-2026	Dr.K.Rajathi	Reviewer	International Journal of Photochemistry and Photobiology(IJPP)
8	20-SEP-2024	Mrs.G.Lalitha	Resource person on Research exploration to Publication: A comprehensive journey.	Kongunadu arts and science college
9	26-SEP-2024	Dr.K.Rajathi	Reviewer	Journal of advances in Biology and Biotechnology
10	22-MAR-2025	Dr. D. Pradeepa	Jury	Dept. of Biotechnology, Dr. NGPASC

11	22-MAR-2025	Dr. T. Indhumathi	Jury	Dept. of Biotechnology, Dr. NGPASC
12	29-MAR-2025	Mrs.S.Divyapriya	Editorial Board	International Journal of Biochemistry and Biomolecule Research

Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
1	5-JUN-2024 - 7-JUN-2024	Dr. K. Rajathi	FDP	ICT Academy in association with Hindusthan Arts and Science College,
2	8-JUN-2024 - 9-JUN-2024	Dr. S. Gowri	National Seminar	THETA, ABRSM, New Delhi and YUVAS, Kerala
3	15-JUN-2024	Dr. T. Indhumathi	E-workshop	Centre for Computer Science and Information Technology (CCSIT), Manjeri, University of Calicut in association with ipsr solutions limited,
4	5-JUL-2024 - 11-JUL-2024	Dr.Indhumathi.T	FDP	IQAC of Marian College Kuttikkanam (Autonomous), in association with ipsr solutions limited and Valin - UK, USA and Canada
5	9-JUL-2024 - 10-JUL-2024	Dr.T.Indhumathi Dr. K. Rajathi Mrs.S.Divyapriya	International Conference on Modern research in biological horizons (ICMRBH'24)	Bharathidasan college of Arts and Science
6	10-JUL-2024 - 15-JUL-2024	Dr. S. Gowri Dr. D. Pradeepa	Workshop	Indian Institute of legal studies in association with UGC – MMTTC
7	22-JUL-2024 - 29-JUL-	Dr.T.Indhumathi Dr. K. Rajathi	FDP	SRM Institute of Sience and Technology

	2024			
8	19-AUG-2024 - 23-AUG-2024	Dr. S. Gowri Dr. D. Pradeepa	Short term Capacity building programme	Academic & Administrative Development Centre (AIU-AI-AADC), Centre for Machine Learning and Intelligence, School of Allied and Healthcare Sciences
9	20-AUG-2024 - 23-AUG-2024 & 27-AUG-2024	Dr.K.Rajathi Dr.D. Pradeepa	IKS TKDL Workshop	Indian Knowledge System IKS Division and CSIR Traditional Knowledge Digital Library, Ministry of Science and Technology
10	18-SEP-2024 - 5-OCT-2024	Dr.T.Indhumathi	e UGC - Sponsored -Refresher Course	UGC - Malaviya Mission Teacher Training Centre,
11	25-SEP-2024 - 5-OCT-2024	Dr.K.Rajathi	Higher Education and Society ,NEP 2020 Orientation and Sensitization Programme	UGC Malaviya Mission Teacher Training Centre, Assam University, Silchar
12	3-OCT-2024 - 4-OCT-2024	Dr. K. Swathi	International Conference on Recent Trends in Biotechnology and Applications	Thanthai Hans Roever College
13	7-OCT-2024 - 7-NOV-2024	Dr.K.Rajathi	FIP	UGC Malaviya Mission Teacher Training Centre, University of Kashmir
14	9-OCT-2024 - 22-NOV-2024	G.Lalitha	NEP2020 Orientation & Sensitization Programme	UGC - Malaviya Mission Teacher Training Centre Programme (MM-TTP) of University Grants Commission (UGC)
15	15-OCT-2024	Dr.K.Rajathi	Workshop	AICTE Indovation Centre Chennai
16	03-DEC-2024 -09-DEC-2024	Dr. S. Gowri Dr. D. Pradeepa	Faculty Development Program on Transforming Healthcare: Recent Advances in Nanotechnology for Medical Application	AICTE Training and Learning (ATAL) Academy &NAVARASAM ARTS AND SCIENCE COLLEGE FOR WOMEN

			& Radiation Treatment	
17	16-DEC-2024-21-DEC-2024	Mrs.S.Divyapriya	Scientific Accountability for Accelerating Technology & Inovation through Ip	CSIR-Institute of Minerals and Material Technology(IMMT) &Innovative technology enabling centre -In tec
18	19-DEC-2024	Dr.K.Rajathi	Incubation Managers Hustle 2024	Startup TN Incubation Managers Hustle 2024, Coimbatore Regional Hub, Startup TN, AIC RAISE Incubation Centre
19	19-DEC-2024-25-DEC-2024	Dr. K. Swathi	National Workshop cum FDP, Academic Writing: Research Ethics and IPR	Research and Developmental Cell, Maharaja Chhatrasal Bundelkhand University, Madhya Pradesh
20	21-DEC-2024	Mrs.S.Divyapriya	Importances of Quality Management system & Regulatory Requirements	Raise Centre for Nanotechnology &AIC Raise
21	03-JAN-2025	Dr. K. Swathi	Webinar	Implementation of NGS in Reseach & Biohelp Learning
22	10-JAN-2025	Dr. K. Swathi	Research applications in algal biotechnology to combat nutritional deficiency among children	Dr. GRD College of Science
23	20-JAN-2025 - 24-JAN-2025	Dr.T.Indhumathi Dr.K.Rajathi	National Online FDP, Recent Advances and Prospects in Molecular genetics and Diagnosis	Kongunadu Arts and Science College
24	27-JAN-2025	Mrs.G.Lalitha Mrs.S.Divyapriya	Molecular docking	Centre for Advanced Training and Research Lucknow, U.P.
25	14-FEB-2025	Mrs.S.Divyapriya	FDP, Writing Effective Ph.D Thesis	IOT Academy, Coimbatore
26	19-FEB-2025	Mrs.G.Lalitha Mrs.S.Divyapriya	Overview of Upstream Processing	BIRAC E-YUVA Centre, PSGR Krishnammal College for Women
27	21-FEB-2025-27-FEB-2025	Dr. D. Pradeepa	Emerging Technologies in Bioprospecting for Health and Environment: Opportunities and Challenges	Vivekandha Arts and Science College for Women, Sankagiri, Salem
28	20-MAR-2025	Mrs.G.Lalitha, Mrs.S.Divyapriya Dr.K.Swathi	National level Webinar on Sustainable Waste Management: Transforming waste into Biofuels and High- Value Products	BIRAC E-YUVA Centre, PSGRKCW in collaboration with Department of Botany and Centre of Excellence in Life

				Sciences, PSGR Krishnammal College for Women, Coimbatore
29	22-MAR-2025	Dr. S. Gowri Dr. N. Kannika parameswari Dr. T. Indhumathi Dr. K. Rajathi Dr. D. Pradeepa Mrs. G. Lalitha Mrs. S. Divyapriya Dr.K.Swathi Dr. M. Kaviya	Integrating Indian Knowledge Systems (IKS) with Cutting-Edge Biotechnology and Innovative Technologies to achieve Sustainable Development Goals (ICONIKS-BIOTECH 2025)	Dr. NGPASC, Department of Biotechnology

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.	S.Divyapriya & Dr.K.Rajathi	Green Synthesis of Fucoidan-Chitosan coated sliver nanoparticles bioconjugates and their antimicrobial activity	Asian Journal of biological and life Science	13(1) 2278-5957, 150-159, June 2024	1.36	WoS
2.	Dr.K.Rajathi Mukesh kannan P	Preparation of Polyherbal Hand Wash	Asian Journal of Pharmaceutical	14(2):2953-2960, June 2024	-	WOS

	Karukavelraja R		and Health Sciences			
3.	Dr.N.kannikaparameswari	Transformative breakthrough in cancer phototheranostics utilizing bioinspired chemistry of polydopamine-based multifunctional nanostructures	Coordination chemistry reviews Elsevier	16(85), 77921-336, June 2024	20.6	Scopus
4.	Mrs.G.Laitha	In Silico Based Screening Employed To Assess The Activity Of Phytochemical, Synthetic And Marine Compounds On The Sarscov-2 Main Protease	Journal – Indian Drugs Journal	61(7), 23-33 0019-462X, July 2024	0.114	Scopus
5.	Dr.D.Pradeepa	Identification of potential phytocompounds from the Indian Medicinal Plants for Treating Pneumoconiosis - An In silico approach	Indian Journal of Natural Sciences	15(85), 77921-936, August 2024	4.34	WoS
6.	Dr.Gowri.S, Dr.Indhumathi.T	Spirulina's role in complementary Health therapies: a review	International journal of creative research thoughts(IJCRT)	2(8),2320-2882, August 2024	7.97	UGC
7	Dr.K.Rajathi Mukesh kannan P Karukavelraja R	Preparation of Polyherbal Hand Wash	Asian Journal of Pharmaceutical and Health Sciences	June 2024 14(2):2953-2960.	0.2	WOS
8	Dr. Rajathi.K	In Silico Analysis on Identification of Bioactive	Indian Journal of Natural Sciences	Oct 2024		

		Compounds from Selected Medicinal Plants for the Treatment of Eczema		Issue 86	4.34	WoS
9	Dr.M.Kaviya	Crucial role of preserving umbilical cord stumps for genetic decoding of a family with rhabdoid tumor predisposition syndrome	Gene	Feb 2025 Volume-948 PageNo:149353	3.5	Scopus
10	Mrs.G.Lalitha	Economical considerations on biodegradable plastics by using lagenaria siceraria(calabash):A research	International journal of creative research thoughts	17-Mar-2025 2320-2882	7.79 impact	Google scholars
10	Dr.K.Rajathi	Free radical scavenging activity and antioxidants of hydrocotyle vulgaris l(pennywort): Baseline study in skin cancer cell line	South Eastern European journal of public health	10-Mar-2025 2197-5248	SJR-0.183	UGC
11	Dr.S.Gowri, M.Madhumitha	Preparation of Bioplastic from Banana Peel using chemical method: A Research	International journal of creative research thoughts	Mar 2025 2320-2882 Vol 13(5)	7.97	UGC
12	Dr.M.Kaviya Kaviprakash.M	Herbal Cosmeceuticals: Formulation of saffron and sandalwood – based facial serum-A research	International journal of creative research thoughts	May 2025 Volume 13 Issue 5 2320-2882	7.97	UGC Care
13	Dr.T.Indhumathi, Jayachandran.M, Palapandi.M	Eco-Friendly water filtration using Indica,Gossypin,coconut derived biochar and vetiver : A Research	International journal of creative research thoughts	Volume 13 Issue 5 2320-2882	7.97	UGC Care

14	Dr.D.Pradeepa G.Sanjay	Development and Evaluation of a spirulina –Millet Based smoothie mix to combat malnutrition :A Research	International journal of creative research thoughts	Volume 13 Issue 5 2320-2882	7.97	UGC Care
15	Dr.KSwathi, Soumithra M Subilsha M	Development of a Natural Hydrogel Formulation from chia and Flaxseed for Enhanced Skin Hydration and Moisture Retention	International journal of creative research thoughts	Volume 13 Issue 5 2320-2882	7.97	UGC Care

Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution
1	4-JUL-2024 - 5-JUL-2024	Dr.K.Rajathi	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education:NEP Perspective	Embracing Heritage: Honoring Traditional Food Preservation Practices	Dr. N.G.P. Arts and Science College
2	4-JUL-2024 - 5-JUL-2024	Dr. D. Pradeepa	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education:NEP Perspective	Traditional Indian Herbs and Spices for Healthy Gut Microbiome - A Comprehensive review	Dr. N.G.P. Arts and Science College
3	4-JUL-2024 - 5-JUL-2024	Mrs.S.Divyapriya	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education:NEP Perspective	Production of Biofertilizer from fruits waste and brown sugar	Dr. N.G.P. Arts and Science College
4	4-JUL-2024 - 5-JUL-2024	Dr.K.Swathi	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher	The healing power of Indian Spices: Health benefits and therapeutic	Dr. N.G.P. Arts and Science College

			Education:NEP Perspective	uses	
5	4-JUL-2024 - 5-JUL-2024	Mrs.G.Lalitha	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education:NEP Perspective	Phytochemical analysis and medicinal virtues of selected Indian spices	Dr. N.G.P. Arts and Science College
6	9-JUL-2024 - 10-JUL-2024	Dr.T.Indhumathi	International Conference on Modern research in biological horizons (ICMRBH'24)	A Study on Pharmacological cal profile of pedalium murex lioin and aerva lanata lim.	Bharathidasan college of Arts and Science
7	9-JUL-2024 - 10-JUL-2024	Dr.K.Rajathi	International Conference on Modern research in biological horizons (ICMRBH'24)	Rash free compostable napkins	Bharathidasan college of Arts and Science
8	9-JUL-2024 - 10-JUL-2024	Mrs.S.Divyapriya	International Conference on Modern research in biological horizons (ICMRBH'24)	Green synthesis of plant mediated sliver nanoparticles and antimicrobial activity in cucumis sativas	Bharathidasan college of Arts and Science
9	18-SEP-2024 - 19-SEP-2024	Dr. D. Pradeepa	DST SERB Sponsored Two day International Conclave on One Health	Identification of novel phytochemical compounds from Ixora coccinea flowers possessing thrombolytic activity by in silico Analysis	PSGR Krishnammal College for Women, Coimbatore
10	3-OCT-2024 -	Dr. K. Swathi	International Conference on Recent Trends in Biotechnology and	Lichen-based microbial fuel cells- a novel	Thanthai Hans Roever

	4-OCT-2024		Applications	approach in sustainable 16production	College
11	8-NOV-2024 - 9-NOV-2024	Dr.K.Rajathi	SERB-Sponsored Indo-South Korea-Thailand 4th International Conference	Nanoscience and Nanotechnology for Energy, Environment and Biomedical Applications (iNEEBA 2023)	Annapurna Auditorium, Vinayaka Mission's Kirupananda Variyar Engineering College, Salem-636308
12	12-Dec-2024 - 13-Dec-2024	Dr.T.Indhumathi	National Level Conference	Microbiome Engineering of probiotic from Alium epa,Allium Setivum and Zingiber Officianale	Centre of Excellence in Life Sciences,Department of Biotechnology,PSGR Krishnammal Collegefor Women, coimbatore
13	12-Dec-2024 - 13-Dec-2024	Mrs.S.Divyapriya	National Level Conference	Sustainable food Production and Environmental Impacts	Centre of Excellence in Life Sciences,Department of Biotechnology,PSGR Krishnammal Collegefor Women, coimbatore
14	12-Dec-2024 - 12-Dec-2024	Mrs.G.Lalitha	National Level Conference	PHYTOCHEMICAL ANALYSIS	PSG COLLEGE OF ARTS AND SCIENCE
15	12-Dec-2024 - 13-Dec-2024	Mrs.G.Lalitha	National Level Conference	Unravelling the Microbiome's impact on food safety and Quality : A multifaceted approach.	Centre of Excellence in life sciences, Department of Biotechnology, PSGR Krishnammal College for women, Coimbatore
16	12-Dec-2024 - 13-Dec-2024	Dr. D. Pradeepa	National Level Conference	Personalized Nutrigenomics: Crafting Diets Based on DNA	Centre of Excellence in life sciences, Department of Biotechnology, PSGR
17	12-Dec-2024 - 13-Dec-.2024	Dr. K. Swathi	National Level Conference	Microbial Assisted Remediation Techniques	Centre of Excellence in life sciences, Department

					of Biotechnology, PSGR
18	12-Dec-2024 - 13-Dec-2024	Dr.K.Rajathi	National Level Conference	Umlocking the Prebiotics Potential of Microgreens	Centre of Excellence in life sciences, Department of Biotechnology, PSGR
19	12-Dec-2024 - 13-Dec-.2024	Dr.Gowri.S	National Level Conference	Immune system modulation and Chronic disease prevention	Centre of Excellence in life sciences, Department of Biotechnology, PSGR
20	27-Dec-2024	Dr.Gowri.S	National Level seminar	Artificial Intelligence innovations for advanced Biological Science and Research sponsored by DBT CTEP	Dr.N.G.P.Arts and Science College
21	20-Feb-2025	Dr.N.Kannikaparameswari	National Level Conference	Maharishi Agastya's Insights for the future: Bridging Ancient Wisdom and Modern Innovation	Kongunadu Arts and Science College

Students Presentation

S.No	Date	Name of the Student	Name of the event	Title of Presentation	Organization / Institution
1	4-JUL-2024	Janani G	National seminar on integration of traditional Indian knowledge system into modern Higher education	Ethanobotanical surveys and indigenous plant chemistry	Dr. N.G.P. Arts and Science College

2	7-SEP-2024	Nivedhitha vinod JAI.J Balamurugan	International conference on modern research in biological horizons	Study if lipid profile of patients undergoing antituberculous drug treatment	Bharathidasan college of arts and science erode
3	7-SEP-2024	E.Ithanya S.Mohanapriya	International conference on modern research in biological horizons	Studying the Potential for Bacterial Resistance Development against Commonly used Antimicrobial agents in Hand washes	Bharathidasan college of arts and science erode
4	7-SEP-2024	M.Punitha Princy P.Vimal S.Renugadevi	International conference on modern research in biological horizons	Hyperbaric oxygen theraphyin DFU treatment	Bharathidasan college of arts and science erode
5	7-SEP-2024	P.Hasika S.Akash	International conference on modern research in biological horizons	Green synthesis of plant mediated sliver nanoparticles and antimicrobial activity in cucumis sativas	Bharathidasan college of arts and science erode
6	7-SEP-2024	P.H.Harini G.Nivetha	International conference on modern research in biological horizons	Rash free compostable napkins	Bharathidasan college of arts and science erode
7	7-SEP-2024	Vedha janani.R.G	International conference on modern research in	Studies on covid 19	Bharathidasan college of arts and science erode

		C.Vimal Sriya dhanalakshmi. V	biological horizons		
8	7-SEP-2024	R.Akashya G.Swetha	International conference on modern research in biological horizons	Fermentation of organic material for Biopesticides with effective microorganisms	Bharathidasan college of arts and science erode
9	7-SEP-2024	Lakshmi prabha S Naveena K	International conference on modern research in biological horizons	A study on proximate and nutritional analysis of eucalyptus Globulus, phytochemical screening, Antioxidant activity, antimicrobial activity, antidiabetic activity and wound healing assay	Bharathidasan college of arts and science erode
10	7-SEP-2024	Renithkumar T keerthana S	International conference on modern research in biological horizons	A study on pharmacological profile of Pedalium murex and aerva lanata linn	Bharathidasan college of arts and science erode
11	7-SEP-2024	A.Madhumitha M. Dilip kumar	International conference on modern research in biological horizons	Andrographis alata in Snake Venom	Bharathidasan college of arts and science erode
12	3-OCT-2024	P.Vimal	International conference on recent trend biotechnology	Lichen based microbial fuel cells: a novel approach to sustainable environment	Thanthai Hans Rover college, Perambalur
13	5-OCT-2024	P.Vimal	National conference on Micronutrix	National conference on Micronutrix	Theeran chinnamalai college of arts and science for women

14	10-Dec-2024 - 12-Dec-2024	Poojashri V, Muruganandham, Darwin, Tharunya, Kameshwari, Abilash, Nandhita, Keerthana, Pukazendhi, Sujitha	International conference	Transforming Health and Medicine: Integrating Innovations and Collaborative strategies for advanced biomedical solutions	Holy Cross College, Trichy
15	10-Dec-2024	Shirley Sreena, Vidhya Shree.M Kanageshwaran V	National conference	Innovation and Emerging Trends in Natural therapeutics,Molecular biology and structural analysis of biomolecules	PSG college of arts and science
16	12-Dec-2024 - 13-Dec-2024	P.Vimal, Nivedhitha .S Hasika.P.R, Harani.P.H Hemaroshini.R Ramyakrishana n.N, Surya.S, Mugunthan.S Malarmathi, Anusha, Akshay Krishanan	National level conference	Probiotics, Prebiotics, Postbiotics and Biofortification: The Future human health and nutrition	PSGR Krishnammal college of women
17	27-Dec-2024	Dharshini priya M, Eshaal	National seminar	AI innovations for advanced	Dr.N.G.P.ARTS and Science

		Alina Z		biological science and resarch	College
18	06-Jan-2025	P.H.Harini G.Swetha R.Akashaya P.Vimal S.Renugadevi Punitha Princy S.Akash Nivadhitha vinod G.Nivetha	International conference	Socioeconomic impact of pollution in water bodies and remidal measures	Kongunadu Arts and Science College

Students Participation

S. No.	Date	Name of the Student(s)	Event	Organization / Institution	Prize won
1	11-MAY-2024	Arcchana.S Nethrashree.S	Traning in Artificial Intelligence	Internz learn	

2	21-JUN-2024	Kanageshwaran V Renithkumar T Sneha M Praveenkumar S Renithkumar T Kanageshwaran V	One day National Virtual Seminar on YOGA for SELF & SOCIETY	Government Degree College for Women, Jagtial, Telangana	
3	21-JUN-2024	Ramyakrishnan K Rajalakshmi M	National level Online quiz on "Yoga"	Dr. BRR Government degree college , Jadcherla	
4	23-JUN-2024	Sneha M	STEM CELL AND GENE THERAPY	Learn to upgrade	
5	21-JUN-2024	Ramyakrishnan K Rajalakshmi M Sneha M Praveenkumar S Renithkumar T Kanageshwaran V	National level Online quiz on "Yoga"	Dr. BRR Government degree college , Jadcherla	
6	23-JUN-2024	Sneha M	STEM CELL AND GENE THERAPY	Learn to upgrade	
7	23-JUL-2024	Madhumitha.M	National Level online Workshop,SPSS:Research Methods and Data Analysis	A.C.T Academy,Kerala	
8	30-JUL-2024	Yashmitha R Harini Sivasankari	International workshop on "Recent trends in entrepreneurial ventures"	Lincoln University Malaysia	

		Dharani.K.R			
9	23-AUG-2024	Shirleysreena S	E-quiz on spcae exploration	Dr.N.G.P Arts and Science college	
10	29-AUG-2024	P.Vimal	Network Pharmacology in Drug Discovery	ACT Academy	
11	19-SEP-2024	Abarna D Deepika K Madhumitha.M Sanjay.G Savithadevi M Vaishnavi N Yashmitha.R	International conclave on One Health - Conference	PSGR Krishnammal College for Women	
12	26-SEP-2024	C.Vimal M.Punitha Princy S.Surjith Madhumitha.A Sowbarnika.B	Fantabulous	Nehru Arts and Science college	
13	27-SEP-2024	P.H.Harani R.Akashya G.Swetha	AURA`24	Bannari Amman Institute of technology	

		Shriya Dhanalakshimi			
14	4-SEP-2024	R.Srinath	Reviews article writing competition	DVCOP, Pune	
15	02-Dec-2024	Vimal P	Marathon "FAST"	KMCH	-
16	14-Dec-2024 - 16-Dec-2024	Vimal P, Nethrashree.S	National energy conversation day 2024 E-quiz	K.S.R. College of arts and science	-
17	10-Dec-2024	S. Shirleysreena, Vidhya Shre	National conference on innovation and emerging trends in natural therapeutics Molecular Biology and structural analysis in biomolecules	PSG Arts and Science College	Third
18	12-Dec-2024	S.Kameshwari	Tamil-kavithai competition	Nirmala college of women	Second
19	12-Dec-2024	S.Kameshwari	International conference on Bioinformatics and drug discovery	Holy cross college Trichy	Second
20	10-Dec-2024 - 12-Dec-2024	S.Muruganandam. Darwin A.S.Abilash M.P.Sujitha	International conference on Bioinformatics and drug discovery	Holy cross college Trichy	-
21	26-Dec-2024	P.Vimal, T.Anisha, C.Arcchana, N.Dhanuja, M.Dharshini Priya, Z.Eshaal Alina, Jacob	National Intellectual Property Awareness Training Program	CSIR&CGPDTM	-

		Mathew, S.NethraShree, 8Sri Sanjay, Pirathikshan.P, Udhaya vani.R			
22	27-Dec-2024	Dharshini Priya .M Eshaal Alina.Z	Natinal seminar on artficial intelligence AI biological science research	DR.NGPASC	-
23	06-Jan-2025 - 07-Jan-2025	G.Swetha, R.Akshaya	International conference on soicoeconomic impact of pollution in water bodies and remidal measures	Kongunadu Arts and Science College	Best Oral presentation Award
24	06-Jan-2025 - 07-Jan-.2025	P.Vimal S. Renuga devi Punitha princy	International conference on soicoeconomic impact of pollution in water bodies and remidal measures	Kongunadu Arts and Science College	Best Poster Presentation Award
25	06-Jan-2025 - 07-Jan-2025	Vimal C Surjth S	International conference on soicoeconomic impact of pollution in water bodies and remidal measures	Kongunadu Arts and Science College	Third
26	06-Jan-2025 - 07-Jan-2025	S.Muruganandam. Sathya Sujitha Narediran Abilash	International conference on soicoeconomic impact of pollution in water bodies and remidal measures	Kongunadu Arts and Science College	-

		Anu Keerthana Sowbarnica Sabna Bharathi			
27	22-Jan-2025	S.Muruganandam. S.Kameshwari	Tamil-kavithai competition	PSGR Krishnammal college of women	Second
28	23-Jan-2025 - 24-Jan-2025	S.Muruganandam. Sathya Sujitha Narediran Abilash Anu Keerthana P.Vimal R.Srinath S.Kiruthika Nivadhatha Vinod Hasika	Workshop on computational tools for visualization and analysis of disease protein	Sri Krishna college of arts and science, coimbatore	-
29	29-Jan-2025 - 31-Jan-2025	Arcchana Dharshini Priya Nethrashree	GRG Food testing lab hands on training workshop	PSGR krishnammal college for womens	-

30	28-Jan-2025	S.Muruganandam. N.Sathya Anu Keerthana P.H.Harini E.Ithanya R.Akashya S.Mohana Priya M.Punitha Princy G.Sweetha C.Vimal P.Vimal HariKrishanan S.Renugadevi G.R. Vedhajanani	Poster Presentation on Cervical Cancer Awareness	DR.NGP.ASC	-
31	22-Feb-2025 -23-Feb-2025	Vimal.P Abilash.A.S Anu Keerthana.K.K Athul Sunil Darwin.M Elna Bijoy	Two days offline workshop on CRISPR and Gene Editing	IIT Madras	-

		Muruganadam.S Nadhitha.S Sathya.N Sujitha.M.P Tharunya.S.N Shabna Bharathi.T Kameshwari.S Narediran			
32	27-Feb-2025	Vimal.P Srinath.R	EUREKA CONCLAVE'2K25	GRD College of Science and Commerce, Coimbatore	-
33	01-Feb-2025 - 02-Feb-2025	Madhumitha.A	02-day offline workshop on Cancer Biology	Ethical Edufabrica Pvt.Ltd	-
34	20-Feb-2025	Srinath.R Akash Vimal.C Swetha.G	One day national conference on "Maharishi Agastya's Insights for the Futhure: Bridging Ancient Wisdom and Modern Innovation"	Kongunadu Arts and Science College	-
35	03-Mar-2025	Vimal.P	Guest Lecture on "Strategy for development of epitope based vaccines for infectious diseases"	Kongunadu Arts and Science College	-
36	12-Mar-2025	Akshaya.R Madhumitha.A	One day Online Workshop on Green Synthesis of Nanoparticles	Nano Tech Privet Limited	-

		Swetha.G			
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Staff Book / Book Chapters Publications

S.No	Month/year	Name of the Staff	Name of the Book/Book Chapter	Name of the Publisher	ISBN
1	July 2024	Mrs.G.Lalitha	Evaluation of Phytochemical Screening and In Vitro Antiurolithiatic Activity of Myristica fragrans by Titrimetry Method Using Machine Learning	Bio-Inspired Optimization for Medical Data Mining - Scrivener Publishing	978-1-394-21418-1
2	June 2024	Dr.K.Rajathi Dr.T.Indhumathi Dr.N.Kannikaparameswari	Enhancing soil Remediation : Iron oxide nanoparticles for heavy metal detoxification	Sri Bharani Publishing	9788197184451
3.	October 2024	Mrs.S.Divyapriya, Dr.K.Rajathi, Sneha Suresh.	Evaluation Of Phytochemicals And Antiulcer Activity Of Mimosa Pudica	Surya Publications	978-81 971251-4-0
5.	November 2024	Dr.K.Rajathi Dr.T.Indhumathi Dr.N.Kannikaparameswari Mrs.S.Divyapriya	Biopolymers and Biopolymeric Nanocomposites in Therapeutic application	Sri-Bharani Publication	978-81-971844-5-1
6.	Dec2024	Dr.Rajathi.K Dr.T.Indhumathi Dr.N.Kannikaparameswari	Book: Biopolymers and Biopolymeric Nanocomposites in Therapeutic Applications	Sri Bharani Publications	9788197184451
7.	Dec 2024	Mrs.S.Divyapriya	Chapter: Properties of biopolymers	Sri Bharani Publications	9788197184451
8.	Feb 2025	Dr.Rajathi.K Dr.T.Indhumathi Dr.N.Kannikaparameswari	Book: Advancing Dopamine Detection with Carboxylated CdTe Quantum Dots	Scholars' Press	978-3-639-66214-6

