



G. T. N. ARTS COLLEGE (AUTONOMOUS), DINDIGUL
DEPARTMENT OF ZOOLOGY
GLIMPSES OF DBT ACTIVITIES – ACADEMIC YEAR 2025-26

S.No	Type of Programme	Title of the Programme	Number of Programme	Date
1	Workshop	Startup Opportunities in Moringa Microenterprises	8	29.07.2025
		Virtual Screening of Antimicrobial Peptides: Next Generation Antibiotics		12.09.2025
		Synthesis of Nano particles: their characterization Techniques, Application in Medical and Agricultural Field		17.12.2025
		Resent Advantages of Genetic Engineering and Genome Editing Technology		19.12.2025
		Phytochemical Extraction an its Application		24.12.2025
		Antigen Antibody Interactions; Principles and Laboratory Techniques		06.01.2026
		Screening and Protein Docking of Natural Compounds for Novel Drug Design		
2	Seminar	Marine Biotechnology	2	07.01.2026
		Biotechnology and Bio prospecting of Microbial Resources and IPR		07.01.2026
3	Hands on Training	Herbal Product Preparation	2	29.07.2025
		Nematodes: Isolation, Identification an its Ecological Significance		22.12.2025
4	FDP	Exploring DBT with Special Emphasis on Funding	1	07.01.2026
		IPR for Applied Sciences		
5	Workshop for Lab Assistants	Training program on Laboratory Safety and Management	1	24.12.2025
6	Field Visit to Scientific Laboratories and Research Institute	CMFRI, Coral Museum and Live Coral Aquarium, Kurusadai Island in Rameshwaram	3	08.01.2026
7		SS Vermicompost - Madurai		05.10.2025
		Muthupandi Fish Farm, Alanganallur, Madurai		26.09.2025
8	Internship	Rudraash Diagnostics Labs & Pvt Ltd, Dindigul	1	24.12.2025 to 07.01.2026
9	Guest Lectures	Probiotics & Its Role on Human Health	3	18.12.2025
		Basic Rules and Regulations of Laboratory and Disposal of Chemicals		05.01.2026
		Innovation Pathways: Turning Research Outcomes into Startups		06.01.2026

Workshop in Startups in Moringa on 29.07.2025



Workshop was organized in Startups Opportunities in Moringa Microenterprises on 29.07.2025. The resource person was Dr. K. Yasmin, Assistant Professor Kandasami Kandas College, Vellur, Namakkal. About 85 students and 6 faculty members participated in the program.

Workshop in Antimicrobial Peptides on 12.09.2025



Workshop was organized in Virtual Screening of Antimicrobial Peptides: Next Generation Antibiotics on 12.09.2025. The resource person was Dr.P. Priya Dharshini, Assistant Professor of Microbiology, Shrimathi Indira Gandhi College, Trichy. About 77 students and 6 faculty members participated in the program.

Workshop in Nano particle Synthesis on 17.12.2025

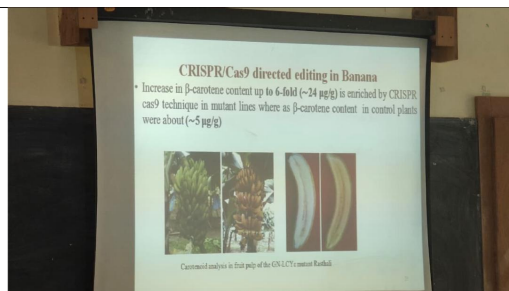


Workshop was organized in Synthesis of Nano particles: their characterization Techniques, Application in Medical and Agricultural Field on 17.12.2025. The resource person was Dr. D. Kasthuri Santira Kumari, Assistant Professor, Dept.of Biotechnology, Mary Matha College of Arts and Science, Periyakulam. Around 56 students and 3 staff members participated in the program.

Workshop in Genetic Engineering on 19.12.2025



Process of Agrobacterium mediated genetic transformation in plants



CRISPR mediated genetic transformation in Banana with Enriched beta Carotenoids content (golden banana)

Workshop was organized in Recent Advantages of Genetic Engineering and Genome Editing Technology on 19.12.2025. The resource person was Dr. Krishnagowdu Saravanan, Assistant Professor, Dept. of Zoology, Aringar Anna College (Arts & Science), Krishnagiri. About 58 students and 6 faculty members participated in the program.

Workshop in Phytochemicals on 24.12.2025

Workshop was organized in Phytochemical Extraction and its applications on 24.12.2025. The resource person was Dr. P. Gurusaravanan, Assistant Professor of Botany, Bharathiar University, Coimbatore. About 45 students and 6 faculty members participated in the program.

Workshop in Antigen-Antibody Interaction on 06.01.2026



Workshop was organized in Antigen-Antibody Interaction: Principle and Laboratory Techniques on 06.01.2026. The resource person was Dr. M. Jayalakshmi, Associate Professor and Head, Depart of Immunology, Madurai Kamaraj University, Madurai. About 24 students and 3 faculty members participated in the program.

Workshop in Protein Docking on 06.01.2026



Workshop was organized in Screening and Protein Docking of Natural Compounds for Novel Drug Design on 06.01.2026. The resource person was Dr. M. Rajan, Assistant Professor, Dept.

of Natural Products, Chemistry, Madurai Kamaraj University, Madurai. About 29 students and 2 faculty members participated in the program.

One day Seminar in Marine Biodiversity on 07.01.2026



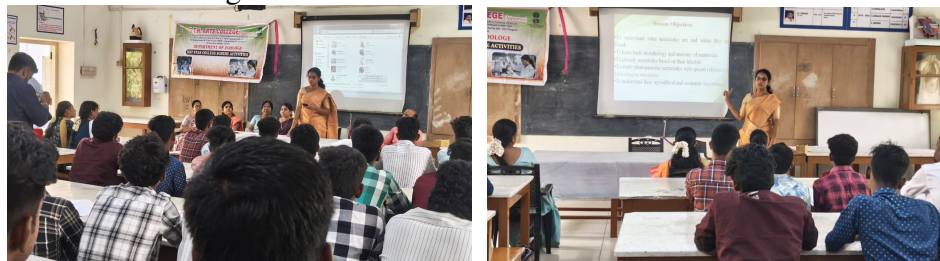
One day Seminar was conducted in Marine Biotechnology and Bio-prospecting of Microbial Resources on 07.01.2026. The resource persons were Dr. Sivakumar, Professor, CAS Marine Biology, Annamalai University, Chidambaram and Dr. Usha Nanthini, Professor, Department of Biotechnology, Mother Theresa Womens University, Kodikanal. Around 70 students and 6 faculty members participated.

Hands on Training in Herbal Product Preparations on 29.07.2025



Hands on Training in Herbal Product Preparations on 29.07.2025. The resource person were Dr. Selladurai, Assistant Professor, Department of Botany, Vivekananda College, Madurai. Around 35 students and 6 faculty members participated in the training.

Hands on Training in Nematodes on 22.12.2025



Hands on Training in Nematodes: Isolation, Identification and its Ecological significance on 22.12.2025. The resource person was Dr. Archana Devi Lakshmanan, Assistant Professor, Dept. of Zoology, Thanthai Hans Rover College (Autonomous) Perambalur. Around 39 students and 6 faculty members participated in the training.

One day FDP on 07.01.2026



One day Faculty Development Programme was conducted in Exploring DBT with special Emphasis on Funding. The resource person was Dr. K. Krishnamurthy, Jamal Mohammed College, Tiruchirappalli. Around 6 faculty members participated.

Workshop for Laboratory staffs on 24.12.2025



Workshop was conducted for the Lab Assistant staffs on Laboratory safety and Managements. The resource person Dr. Vignesh Sounderrajan, Assistant Professor (Research), Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology, Chennai. About 16 Lab Assistants participated in the workshop.

Educational visit on 08.01.2026



Educational visit was made to Kurusadai Island, CMFRI, Rameshwaram,. About 52 students and 4 faculty members participated in the Visit.

Field visit on 05.10.2025



Field visit was made to SS Vermicompost Industry to observe the culture techniques of earthworm and the marketing strategies of Organic manure. About 34 students and 2 faculty members participated in the Visit

Fish Farm visit on 26.09.2025

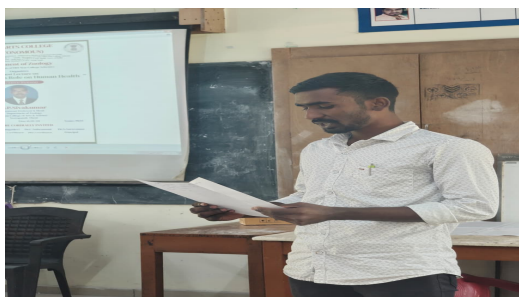
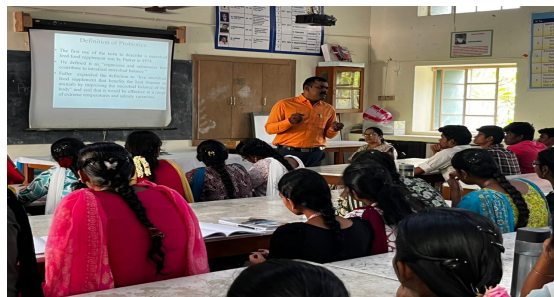


Fish form and aquarium visit was made to Muthupandi Fish Farm, Madurai, to explore the culture techniques of various ornamental fish and their marketing strategies. About 34 students and 2 faculty members participated in the Visit.

Internship Training from 24.12.2025 to 07.01.2026

Internship training was done in Rudraash Diagnostics Labs & Pvt Ltd, Dindigul by 33 students of B.Sc., Zoology from 24.12.2025 to 07.01.2026

Guest Lecture in Probiotics on 18.12.2025



Guest Lecture was organized in Probiotics and its Role in Human Health on 18.12.2025. The resource person was Dr. P. Sivakumar, Dept. of Zoology, Theni College of Arts and Science College, Theni. Around 58 students and 5 staff members participated in the program.

Guest Lecture in Waste Disposal on 05.01.2026



Guest Lecture was organized in Basic Rules and Regulations of Laboratory and Disposal of Chemicals. The resource person was Dr. M. Ganapathi, Assistant Professor, Dept. of Chemistry, Vivekanandha College, Thiruvudakam (West), Madurai. Around 36 students and 4 staff members participated in the program.

Guest Lecture in Innovation Pathways on 06.01.2026



Guest Lecture was organized in Innovation Pathways: Turning Research Outcomes into Startups. The resource person was Dr. R. Subha, Assistant Professor of Chemistry, Cauvery College for Women, Trichy. Around 42 students and 2 staff members participated in the program.