

DBT ACTIVITIES

DEPARTMENT OF BIOCHEMISTRY

S. No	Name of the Activity	Resource Person	Beneficiaries
1.	Guest Lecture on "Recent Trends of Drug Discovery"	Dr.P. Ravanan Associate Professor and Head, Department of Microbiology, School of Life Sciences, Central University of Tamil Nadu, Thiruvavur.	70 Students All students of Bio chemistry
2.	One Day Orientation & Mentoring Programme	Dr. D. Nalini Associate Professor and Head Department of Chemistry, PSGR College for Women (a), Coimbatore.	Staff and 65 Students of Bio Chemistry
3.	Guest Lecture on (Online Mode) The Emergence and Importance of Biochemistry in Medical science, Agriculture and Environmental Application on 28.08.2024	Dr.K.Geetha, Asst Professor and Head, Department of Biotechnology, Periyar Maniammal Institute of science and Technology, Vallam, Thanjavur, Tamilnadu	90 Students
4.	Guest Lecture 30.08.2024	Dr.E.Mohan	75 students
5.	One Day Workshop "Isolation And Identification Of Molecular DNA From In Vitro Animal Cell Culture" - 16.09.2024	Dr.S.Velayutha Prabhu, Assistant Professor, Department of Biotechnology, Bharathiar University, Tamilnadu	78 students
6.	One day Hands on training "Formulation of Herbal Cosmetics & Beauty Products"	Dr.S.Vijayakumar, Managing Director & Research Coordinator, VJ Biotech lab, Coimbatore, Tamilnadu.	80 students

DBT ACTIVITIES

DEPARTMENT OF B.VOC., MARINE FOOD PROCESSING AND PRESERVATION TECHNOLOGY

S.No	Name of the Activity	Resource Person / Place	Beneficiaries
1.	Field Visit cum Hands on Training “Isolation and Identification of Seaweed and Hands on training on Culture Practices of Seaweed” on 18.09.2024	RK Algae Project Centre, Mandapam, Ramanathapuram.	29 Students
2.	Guest Lecture on “Food Safety Labelling Regulations”	Mr. A.T. Anbazhagan Designated Food Safety Officer, Nagapattinam, Tamil Nadu Food Safety Department.	75 B.Voc Marine, B.Sc Zoology Students
3.	Guest Lecture on “Innovative Business Strategies for Seafood Value Addition”	Dr. P. Karthickumar Assistant Professor, College of Fisheries Engineering, Dr.J.Jayalalitha Fisheries University, Nagapattinam.	70 B.Voc Marine, B.Sc Zoology Students
4.	Guest Lecture on “Active, Smart and Intelligent Packages for food products” - 28.08.2024	Dr. D.Kesavan Assistant Professor, College of Fisheries Engineering, Dr.J.Jayalalitha Fisheries University, Nagapattinam.	70 Students
5.	Hands on Training - “Entrepreneurial Opportunities in Food Processing Sector”	NIFTEM - T Trainers, Business Incubation Centre, National Institute of Food Technology and Entrepreneurship Development (NIFTEM), Thanjavur.	27 Students
6.	One Day Workshop on	Dr. A. John Chembian, Fisheries Scientist & Research	73 B.Voc Marine, B.Sc Zoology

	“Marine Fishery Resources of India”	Supervisor, Govt. of India, Fishery Survey of India (FSI), Ministry of Fisheries, Animal Husbandry & Dairying, (Dept. of Fisheries)	Students
7.	Inter Departmental Workshop on “Marine Seafood Sector: Opportunities and prospects.” on 30.08.2024	Shri. Naresh Vishnu Tambada Deputy Director, MPEDA, SRD, Nagapattinam Shri. K. Arivukarasu, Assistant Director, MPEDA, SRD, Nagapattinam.	125 Students (B.Voc Marine & Zoology)
8.	Hands on Training on “ Thermal Processing, Curing, Baking and Extrusion of Fishery Products” on 19.08.2024 to 23.08.2024	Dr. P. Praveen Kumar Assisitant Professor, Dr. M.G.R. Fisheries College and Research Institute, Tamil Nadu Dr. J. Jayalalitha Fisheries University, Nagapattinam. Dr. P. Karuppanan, Project Lead, Start – Up Tamil Nadu, Thanjavur Regional Hub Dr. A. Pushparaj, Designated Food Safety Officer, Department of Food Safety, Nagapattinam. Shri. K. Arivukarasu, Assistant Director, MPEDA, SRD, Nagapattinam.	14 Students

DBT ACTIVITIES 2024-2025

DEPARTMENT OF PHYSICS

S.No	Name of the Activity	Resource Person	Beneficiaries
1.	“One day orientation & mentoring programme on Implementation of DBT Star College Scheme	Dr. M. Lavanya, M.Sc., M.Phil., Ph.D., Associate Professor of Physics, PSGR College for Women (Autonomous), Coimbatore.	All Staff & 22 Students
2.	Interdepartmental One Day Workshop on “Environmental, Biomedical application of Advanced Materials” - 26.07.2024	1. Dr K. Ravichandran, Head and Associate Professor of Physics, A.V.V.M Sri Pushpam College, Poondi. 2. Dr. M. Ayyanar, Assistant Professor, Department of Botany, A.V.V.M. Sri Pushpam College (Autonomous) Poondi - 613 503 Thanjavur,	86 Students of Physics, Biochemistry and Botany
3.	Inter collegiate meet 2023 - 2024 Nexus 2024	Coordinators: Dr.R.Priscilla, Head & Associate Professor of Physics. Dr.N.Lavanya, Associate Professor of Physics.	58 Students
4.	Guest Lecture on “Energy Physics” - 22.08.2024	Dr.M. Ramar, Assistant Professor, Department of Basic sciences, Dr.J Jayalalita Fisheries University Nagapattinam.	58 Students
5.	Interdepartmental Workshop on "Hardware Maintenance & Servicing" 31.08.2024	PSG Team : Mr.Gowrishankar, Mr.Mahalingam, Mr. Dharmaraj	All staff members and 30 students (CS & Physics)
6.	Celebration of National Science Day - Popular Lecture on "Space Science and	Mr.Lenin Kovan, Executive director	63 Students (Physics & Mathematics)

	Astronomy" - 27.08.2024	Tamilnadu science and technology centre, Chennai. Dr.Ruban Raj(Rtd), Head of the department of Mathematics, St.Joseph's College, Thiruchirappalli.	
7.	Inter Departmental Workshop on "Working Principles and operations on Solar Dryer." - 12.09.2024	Dr. P. Karthickumar Assistant Professor, College of Fisheries Engineering, Dr.J.Jayalalitha Fisheries University, Nagapattinam.	60 students of Zoology, Physics, B.Voc Marine
8.	Seminar on "The role of Education in Empowering Women" - 16.09.2024	Dr. Rita John, Professor and Head, Department of Theoretical Physics, University of Madras, Guindy Campus, Chennai - 600 025. The role of Education in Empowering Women	85 Students & Faculty
9.	Lecture Series on "Biomedical Instrumentation" - 23.09.2024 to 27.09.2024	Dr. A. Ashok Kumar	22 students of Physics

DBT ACTIVITIES

DEPARTMENT OF CHEMISTRY

S.No	Name of the Activity	Resource Person	Beneficiaries
1.	One day Workshop on "Digital Twin Technology for Chemical Process." - 25.07.2024	Mrs.Rathi Shankar, L & D Specialist, Chennai.	120
2.	Guest Lecture on Synergy in action: Group Projects & Real-World Experience - 04.08.2024	Dr.M.Syed Ali Padusha, Associate Professor of Chemistry, DBT STAR College Scheme - Additional Coordinator, Jamal Mohamed College (Autonomous), Tiruchirappalli.	115
3.	One Day Orientation / Mentoring Programme on "Implementation of DBT Star College Scheme " - 12.08.2024	Dr.E.Kayalvizhi, Associate Professor of Chemistry, PSGR College for Women (Autonomous), Coimbatore	58
4.	Guest lecture on Organic Material for Medicinal & Material Applications - 19.08.2024	Dr. Seenuvasan Vedachalam, Assistant Professor of Chemistry, National Institute of Technology, Karaikal, Puducherry.	107
5.	Workshop on Cheminformatics & Bioinformatics - 23.08.2024	Dr.V.Parthasarthy, Vice Principal (Rtd) Vivekananda College, Madurai.	95 students of Chemistry and Biochemistry
6.	Guest Lecture on Chemistry the bridging science - 22.08.2024	Dr. D. Kesavan, Assistant professor of Chemistry & Head, Department of Basic Sciences, Tamilnadu Dr. J. Jayalalitha Fisheries University, Nagapattinam	90

7.	Two days workshop on Microscale experiments in Chemistry - 27.08.24 & 28.08.24	Dr. S. Murugan, Head-Department of Chemistry (Rtd) South Travancore Hindu College, Nagercoil. Dr. A. Jeya rajendran, Associate Professor and Head (Rtd) Loyola College, Chennai.	95
8.	DBT Mentor Meet on 28.08.2024	Dr. R.Dhanabalan, Associate Professor and Head, Department of Microbiology, RVS College of Arts and Science, Coimbatore.	All staff members of DBT Star Departments
9.	Lecture Series on Coordination Chemistry - 12.09.24 to 20.09.24	Ms.C.Nivedha Lincy, Research Scholar, Department of Chemistry, AMET University, Chennai.	36
10.	Lecture Series on Thermodynamics and Solutions - 12.09.24 to 20.09.24	Mrs.M.Neela, Research Scholar, Department of Chemistry, Annamalai University, Chidambaram.	36
11.	Guest Lecture on Chemistry of Carbonyl Compounds - 16.09.2024	Dr. M. R. Ezhilarasi, Professor & Department DBT Co-ordinator, Department of Chemistry, Dr. N.G.P. College of Arts and Science, Coimbatore.	36
12.	Guest lecture on Chemistry of Cosmetics -19.09.2024	Dr. R. Rajalakshmi, Associate Professor, Department of Chemistry, Annamalai University, Chidambaram.	84

13.	Guest lecture on Food as Drug - 20.09.2024	Dr. P. Parthiban, Professor, Department of Chemistry, Saveetha University, Chennai.	104
14.	Lab training Programme for Lab Assistants - 28.09.2024	Dr. R.Dhanabalan, Associate Professor and Head, Department of Microbiology, RVS College of Arts and Science, Coimbatore.	15

DBT ACTIVITIES

DEPARTMENT OF ZOOLOGY

S.No	Name of the Activity	Resource Person	Beneficiaries
1.	Seminar on "Ecofriendly Programme on the preservation of Traditional Paddy varieties" on 29.07.2024	Mrs.Subhashini Sridhar , B.Sc .,(Agri), MBA(HRM), Chief Executive Officer , Valanadu Sustainable Agriculture Producer Company Ltd , Sirkazhi, Corporate Identity NumberU01407TN2013PTCO93774.	100 Students (Zoology, B.Voc Marine)
2.	One Day Orientation & Mentoring Programme on " Implementation of DBT Star College Scheme	Dr.Susheela Palanisamy Associate Professor of Zoology, PSGR College for Women (Autonomous) Coimbatore	All Staff and 120 students of Zoology, Botany, B.Voc Marine Food Processing
3.	"Bee Keeping techniques for Entrepreneurial development" on 07.08.2024	Mrs. Josephine Selvaraj Queen Bee of Madurai Social entrepreneur Madurai	100 Students (Zoology, B.Voc Marine)
4.	International Colloquium on 'Biovision-2024' (ICB-24)	1.Dr. Vengatajothi Ramarao , Professor, Copperbelt University, Zambia, 2.Dr. Vijayalakshmi Selvakumar , Research Associate, Kangwon National University,South Korea 3.Dr.B.Kaleeshwarn Assistant Professor of Zoology	191 Academicians, Research Scholars and Students across the country

		A.V.V.M. Sri Pushpam College (A), Poondi, Thanjavur.	
5.	One Day seminar on "Waste Management" 07.08.2024	Dr.I.Priyadharshini	82 students of Zoology, Botany, Chemistry, Physics
6.	One Day hands on Training on "Production of Single cell Protein - Spirulina" on 20.08.2024	Dr.R.Senthilkumar , Proprietor, Sri Amman Biocare, Tirukanurpatti, Thanjavur	100 students of Zoology & Biochemistry
7.	One day Seminar on Tailoring behavior in Biomedical Research Models (TBRM -24) - 29.08.2024	Dr. G. Archunan , Former Professor and Head Former UGC-BSR Faculty Fellow, Department of Animal Science, Bharathidasan University Tiruchirappalli-24 & Dean-Research, Marudupandiyar College, Thanjavur- 613 403	122 Students of Zoology, B.Voc Marine
8.	One day Guest Lecture on The Pathogenic Potential of the various Microorganisms - 29.08.2024	Dr.R.Dhanabalan , Associate Professor and Head Medical Microbiology RVS College Coimbatore.	155 Students of Zoology & Biochemistry
9.	Five Days Online Lecture series on "Fundamentals of Evolution" - 17.09.2024 to 21.09.2024	Dr.C. Sivasubramaniyan , Asso. Prof. and Head (Rtd) Department of Environmental Studies Tamil University, Thanjavur.	82 Students of Zoology
10	A Guest Lecture On Life Below	Dr.P.Santhanam ,	135 Students of Zoology

	Water - The Treasure Of Human Health And Wealth - 25.09.2024	Professor, Department of Marine Science Bharathidasan University, Tiruchirappalli.	& B.Voc Marine
11	One day Guest Lecture on Biotechnological potential of microbial bio-surfactants - 14.10.2024	Dr.R.Dhanabalan, Associate Professor and Head Medical Microbiology, RVS College, Coimbatore.	82 Students of Zoology

DBT ACTIVITIES

DEPARTMENT OF COMPUTER SCIENCE

S.No	Name of the Activity	Resource Person	Beneficiaries
1	One Day Orientation / Mentoring Programme on "Implementation of DBT Star College Scheme " - 12.08.2024	Dr.Sofia Reena Associate Professor of Computer Science, PSGR College for Women (Autonomous), Coimbatore	All staff members and 82 students of Computer Science and BCA
2	One day Hands on Training Jointly organize with Computer Science and Physics-IOT and Bio Applications - 23.08.2024	Dr.K.Thiyagarajan, Assistant Professor, Department of Computer Science, Periyar Maniyammai Institute of Science and Technology, Vallam, Thanjavur.	75 Students from the discipline of Computer Science, BCA and Physics
3	Guest Lecture through Online mode " Python with Bio Informatics" on 27.08.2024	Dr.Sofia Reena Associate Professor of Computer Science, PSGR College for Women (Autonomous), Coimbatore	49 Students from Computer Science & BCA
4	One Day Workshop on " IoT & AI Tools Revolutionizing Modern Technology" - 28.08.2024	Dr. A. Mohammed Ali, Co-Founder, Twirltact Technology Solutions Private Limited,	78 Students from the discipline of Computer Science & B.C.A

		Coimbatore	
5	Department of Computer Science and Botany Jointly Organized a One Day Workshop on "Computer Aided Drug Designing" - 10.09.2024	Dr. S. Sivashankari, Head & Associate Professor Department of Bioinformatics, Nirmala College for Women, Coimbatore	63 Students from the discipline of Computer Science, BCA & Botany
6	Guest Lecture on " A Journey of Self Discovery" - 12.09.2024	Mrs. Gayathry Seeniraja, Founder & Chief Mentor HRG Personality Studio, Puducherry	61 Students from the Computer Science & B.C.A
7	Guest Lecture on "AI with Bio Informatics" 03.09.2024	Dr.Sanjay Bankapur, Assistant Professor of Computer Science and Engineering, NIT, Karaikal,	134 students of Computer Science and BCA, Mathematics, Physics, zoology, Bio Chemistry, B.Voc Marine and Chemistry.

DBT ACTIVITIES

PG & RESEARCH DEPARTMENT OF MATHEMATICS

S.No	Name of the Activity	Resource Person	Beneficiaries
1.	Guest Lecture on Introduction to MATLAB and Python	Dr.C.Vijayalakshmi , Associate Professor, Department of Statistics and Applied Mathematics, Central University of Tamil Nadu	76 students of Mathematics
2.	Inter departmental Workshop on Geogebra and Scilab	Dr.V.Balakumar , Assistant Professor of Mathematics, National Institute of Technology, Puducherry, Karaikal	94 B.Sc Mathematics and B.Sc Computer science , BCA students
3.	One Day Orientation / Mentoring Programme on "Implemenation of DBT Star College Scheme " - 12.08.2024	Dr.D.Sasikala M.Sc., M.Phil., Ph.D. Assistant Professor of Mathematics, PSGR College for Women (Autonomous), Coimbatore	All staff members and 56 students of B.Sc Mathematics
4.	Python Programming – Hands on Training	Dr.C.Vijayalakshmi , Associate Professor, Department of Statistics and Applied Mathematics, Central University of Tamil Nadu	42 B.Sc Mathematics Students
5.	Virtual Lecture Series	Dr.A.Selvakumar , Post Doctoral Fellow, Indian Statistical Institute,	40 B.Sc Mathematics Students

		Bangalore	
6.	Workshop: Sagemath Programming on 14.08.2024	Dr.M.A.Rifayathali , Assistant Professor of Mathematics, Jamal Mohamed College, Trichy	82 B.Sc Mathematics Students
7.	Artificial Intelligence as a tool to protect Environment - 19.08.2024	Dr. Dhulasi Birundha Varadharajan Madurai Kamaraj University, Madurai	82 B.Sc Mathematics Students
8.	One day International conference on "Recent Advances in Bio-Mathematics" -30.08.2024	Dr.Rajesh , Assistant Professor, IIT Tirupati Dr.Ramesh Kumar , Assistant Professor, VIT Vellore Dr. Ikha Magdalena , Associate Professor, Indonesia	109 students of Mathematics
9.	Hands on Training: Programming in Tableau and Tora -27.09.2024	Mrs. S.Riyasudeen , M.Sc., SET Assistant Professor of Mathematics Khadir Mohideen College, Adirampattinam	102 students of Mathematics