

Vellalar College for Women (Autonomous), Erode -12

Department of Zoology

Activities conducted under DBT- Star College Scheme for the academic year 2020-2021

No. of Hands-on Experiments being conducted

S.No.	Name of the Guest Speaker	Topic and Date	Beneficiaries
1	Dr.A.Thangaraja , Associate Professor in Plant Biology and Plant Biotechnology, Dr.Ambedkar Govt. Arts College, Chennai	Protein Structure Prediction from Bioinformatics Databases 17.02.2021 & 18.02.2021	69 Students (35- Zoology & 34- Computer Science)
2	Dr.M.Arun Chief & Director, Department of Cytogenetics, Euro Espes Biomedical Research Centre, Institute of Medical Sciences & Genomic Medicine, Corunna, Spain	Cytogenetic Techniques 20.02.2021	58 Students - (34 – Zoology & 24- Biochemistry)
3	Dr.N.Kannika Parameshwari , Professor, Department of Biochemistry, Dr.N.G.P. Arts and Science College, Coimbatore	Analytical Techniques in Biochemistry 08.03.2021	35 - III B.Sc., Zoology Students
4	Dr.N.Marimuthu , Professor of Biotechnology, AIMST University, Malaysia	Data Analysis and Statistics using MS-Excel and SPSS 09.03.2021 & 10.03.2021	64 Students (59- Zoology & 05- Botany)

Faculty Development Programme Organized

S.No.	Name of the Guest Speaker	Topic and Date	Beneficiaries
1	FDP on “Handling of Analytical Instruments in Basic Sciences”	Vellalar College for Women, (Autonomous), Erode.	47- Faculty members (04- Zoology, 14- Physics, 09- Botany, 01- Chemistry, 01- Biochemistry, 02- N& D, 01- F& N, 15- Research Scholars

Training received by the faculty

S.No	Name of the Programme / Guest Speaker	Topic / Place and Date	Beneficiaries
1.	Training on “Segregation and Composting for Sustainable Waste Management”	The School of Circular Economy, Centre for Science and Environment, Anil Agarwal Environment Training Institute, New Delhi 30.06.2020 to 14.07.2020	Dr.V.S.Kavitha
2	Training on Biofertilizer preparation	Guru Enviro Tech, Chinniyampalayam, Erode 06.02.2021	Dr.D.Indumathi Dr. V.S.Kavitha Dr.M.Sangeetha

3	Training on Value addition in Sericulture	Department of Sericulture, Forest College & Research Institute, Mettupalayam 12.03.2021	Dr.D.Indumathi Dr.V.S.Kavitha Dr.M.Sangeetha
4	Training on Pupal oil, Chitin, Chitosan & Sericin extraction from silkworm	Department of Sericulture, Forest College & Research Institute, Mettupalayam 16.03.2021	Dr.M.VimalaDevi Dr.R.Arul Priya

Seminars/Symposium/ Workshop/Training courses conducted

Name of the Department	Name of the Guest Speaker	Topic & Date	Beneficiaries
1	Dr.A.R.Rajavel , Scientist E (Rtd), Vector Control & Research Centre, ICMR, Pondicherry	Workshop on “Techniques in Animal Identification” 03.08.2020 & 04.08.2020	116 Students (104 - Zoology Students, VCW, 5- Muthayammal College of Arts & Sciences, 5- Sri Vasavi College & 2- Erode Arts and Science College)
	Dr.K.Marimuthu , Professor of Biotechnology, AIMST University, Malaysia		
2	Dr. Banu Rekha , CEO, Med Vision Health Solution, Coimbatore	Training on “Basics in Medical Coding” 11.01.2021 to 19.01.2021	38 - III B.Sc., Zoology Students
3	Dr.N.Natarajan , Prof. of Agricultural Entomology (Retd.), TNAU, Coimbatore	Workshop on “Identification of Pest and their management” 13.02.2021	129 Students (68- Zoology, 56- Botany, 05- Sri Vasavi College)

	Dr.P.Sakthivel, Assistant Scientific Officer, National Institute of Plant Health & Management, Hyderabad		
4	Dr.S.Priya, Assistant Professor, PSG Institute of Medical Sciences, Coimbatore	Seminar on “Emerging Issues in Adolescence” 16.02.2021	138 Students – (27- Nutrition & Dietetics, 8- Physics, 10- Chemistry, 60- Zoology & 33- B.Com)
	Mrs. M. Vijayadurgadevi, Administrator, B2K Medical Transcription Company, Erode		
	Ms. Dheepthi Jayamurali, URF, Dr.ALM PG Institute of Basic Medical Sciences, University of Madras, Chennai		
5	Mr. K.V. Pradeep Kumar, Manager, Guru Enviro tech, Chinniyampalayam, Erode.	Workshop on “Waste Management” 17.02.2021& 18.02.2021	35-I B.Sc., Zoology Students
	Mrs. B.Dhatchayini, Proprietor, Guru Enviro tech, Chinniyampalayam, Erode.		
6	Dr.K.T.Tamilmani, Associate Professor & Head, PG & Research department of English, Nehru Memorial College, Trichy	Workshop on “Academic Skill Development” 23.02.2021	105 Students - (36- Zoology, 35- Chemistry & 34- Botany)
	Mr.A.Susai Devanesan, Research Associate in English, Nehru Memorial College, Trichy		
7	Dr.N.Loganathan, Manager, Mullai Academy, Namakkal	Training on “Aptitude and Logical Reasoning” 26.02.2021 & 27.02.2021	129 Students (33- Botany, 36- Zoology & 60- B.Com)

8	Mr.V.Balachandran , Executive Member, SOS, Kerala	National Symposium on “Conservation of Odonates” 01.03.2021 to 05.03.2021	163 Students – (38- VCW, 96- St.Joseph College, 3- Sree Naragana College, Kollam, 10- KKIM College, 2- St.Philomena’s College, Mysore, 12- PSGR Krishnammal College & 3- Deva Matha College, Kuruvilangad)
	Dr.Pankaj Koparde , Assistant Professor, School of Ecology & Environmental Management, MIT World Peace University, Pune		
	Mr.A.Vivek Chandran , Conservation Biologist, SOS, Kerala		
	Mr.Sujith V. Gopalan , Expert Consultant & Conservation Biologist, SOS, Kerala		
	Dr.M.Salahudeen , Assistant Professor in Zoology, Jamal Mohammed College, Trichy		
9	Dr.D.Sathiya Narayanan , Head, Technical Manager, Mettex Lab, Chennai	Workshop on “Principles and Applications of Analytical Instruments” 24.03.2021	61 Students (36- Physics & 25- Botany)

Training for Laboratory Assistants

S.No.	Name of the Guest Speaker	Topic and Date	Beneficiaries
1	Dr.N.Kannika Parameshwari , Professor, Department of Biochemistry, Dr.N.G.P. Arts and Science College, Coimbatore	Laboratory Reagent Preparation 08.03.2021	9 Lab Assistants (2- Zoology, 3- Botany, 3- Chemistry & 1- Biochemistry)
2	Mr.S.Thiagarajan , Technical Manager, Mettlex Lab, Chennai	Training on “Instrument Maintenance and Safety Aspects” 24.03.2021	14 Lab Assistants (2- Zoology, 3- Botany, 2- Physics, 3- Chemistry, 2- Nutrition, 1- Biochemistry & 1- Food & Nutrition)

Outreach activities

S.No.	Name of the Programme	Date (s)	Beneficiaries (Name)
1	Community Awareness Programme -2020 by the Wings of Zoology (Ms.V.Sharmila , III B.Sc., Zoology- King of the Forest – Save it to Cherish, Ms.R.Reega , II B.Sc., Zoology - Falling Stars – Endangered Species, Ms.R.Ganga , III B.Sc., Zoology - Protect our Ozone – A priceless Treasure, Ms.B.Sivalaxmi , III B.Sc., Zoology - Know the power of Our Immune System, Ms.K.Abinaya , II B.Sc.,	18.05.2020 to 23.05.2020	87 Students – (14- Government High School, Dharmapuri, 18- Governmentt. Higher Secondary School, Thindal, Erode, 13- Govt. Higher Secondary School, Perundurai, 12- Government Middle School, Bhavani, 23- Government Higher Secondary School,

	<p>Zoology - Prevention and Management of Genetic Disorders, Ms.M.Keerthana, III B.Sc., Zoology - Polycystic Ovary: Current Status and Future Perspectives, Ms.E.Narchonai, II B.Sc., Zoology - Life Style Risk Factors of Non-Communicable Diseases, Ms.P.Akshaya, I B.Sc., Zoology - Animal Inspired Science Technologies, Ms.G.Yazhini, I B.Sc., Zoology - Turn off the Light - Turn on the Stars, Ms.P.Bhavadharini, II B.Sc., Zoology - Impact of Covid- 19 on Global Air Quality, Ms.M.Keerthana, III B.Sc., Zoology - Save the Bees, Keep the World Sweet, Ms.G.Dharani, II B.Sc., Zoology - Sericulture – A self Employment Remunerative Industry)</p>		Thondamuthur, Coimbatore, 07- Government High School, Tiruppur)
2	World Environment Day 2020- Quiz Competition	05.06.2020	65 Students - (23- Zoology, 21- Physics, 01- Chemistry, 01- Botany, 01- B.A., English Literature, 01- Computer Science, 04- Maths, 09- B.Com, 03- B.Ed., College, VCW, 01- Nandha Institution)
3	World Ocean Day- Drawing Competition	08.06.2020	56 Students (6- Maths, 16- Zoology, 08- B.Com, 04- Computer Science, 03- Computer Technology, 02- BBA (CA), 02- Chemistry,

			01- M.Com., 01- M.Sc., Food & Nutrition, 01- English, VCW, 05- Jamal Mohammed College, Trichy, 01- Sri Vasavi College, Erode, 02- Nehru Memorial College, Trichy, 01- Seethalakshmi Ramaswami College, Trichy, 02- Shri Nehru Maha Vidhyalaya college of Arts and Sciences, Coimbatore, 02- GITAM University, Vishakapatnam, 02- BVB School Students.
4	International Tigers Day- Quiz	29.07.2020	68 Students (42- Zoology, 03- CDF, 01- Computer Science, 03- Maths, 02- M.Phil, VCW, 03- Sri Vasavi College, 05- PSGR Krishnammal College for Women, 02- Bharathiar University, 01- SV University, 02- M.R.P.G College, Vizianagaram, 03- Maharajah's College, 01- Auxilium College, Vellore)
5	Wildlife Week Celebration- 2020 (Ms.T.Jayavarthini, III B.Sc., Zoology – “The Loyal Comrade”, Ms.V.Sowmiya, III B.Sc.,	06.10.2020 to 09.10.2020	78 Students (08- Maths, 06- Maths (CA), 05- Physics, 05- Botany, 08- Zoology, 07- B.Com, 03 -

	Zoology – “Western Ghats – Biodiversity Treasure”, Ms.G.Yazhini , I B.Sc., Zoology – “Nature’s Great Master Piece– Elephant”)		B.Com (C.S.), 02- B.Com (C.A) 04- B.Com (E.Com), 03- BBA, 02- BCA, 01- English, 03- Biochemistry, 04 – Tamil, 10- Nutrition and Dietetics & 07- CDF, VCW)
6	Distribution of Microbial Solution to the public	22.03.2021	60- people of karaparai village

Invited lectures

S.No.	Name of the Guest Speaker	Topic and Date	Beneficiaries
1	Ms.A.Gowthami , Zonal Consultant Entomologist, District Health Office, Mangalore, Karnataka	Climate change- A new Dynamics of Urban Pest 06.06.2020	70 Students (51- Zoology, 03- Botany, 10- Maths, 06- Food & Nutrition)
2	Mrs. R. Vidhyalakshmi , Freelance Environmental Research Consultant, Singapore	Research Opportunities in Environmental Management 08.06.2020	96 Students – (11- Maths, 12- Chemistry, 62- Zoology, VCW, 04-
	Mrs. K. Vidhya , Clinical Coding Administrator, Optum XL Healthcare, Bangalore	Career Opportunity in Medical Coding 09.06.2020	

	Ms.A.Gowthami , Zonal Consultant Entomologist, District Health Office, Mangalore, Karnataka.	Research Perspectives in Medical Entomology 10.06.2020	M.Sc., Zoology, PSGR Krishnammal College, 03- Zoology - Meenakshi College for Women, 04- Zoology – Justice Basheer Ahamed Sayeed College for Women)
	Ms. M. Mubeena Parween , Advocate, Perundurai.	Know Your Rights 11.06.2020	
	Mrs. T. Gayathri , Manual and Automation Software Tester, Cubic Interactive Ltd., University of Leeds, United Kingdom.	Survival of the Fittest 12.06.2020	
3	Dr.S.Bharathiraja , Assistant Professor, Department of Veterinary Biochemistry, Rajiv Gandhi Institute of Veterinary Education and Research, Pondicherry	Strategies to combat Zoonotic Diseases 06.07.2020	124 Students (57- Zoology, 24- IT, 43- CDF)
4	Dr.S.Jaya Kumar , Assistant Professor in Zoology & Wildlife Biology, AVC College, Mayiladuthurai	Save Our Iconic Species 29.07.2020	94 Students (59- Zoology, 17- Botany, 08- Muthayammal College of Arts and Science, Namakkal, 01- Arulmigu Palaniandavar College, Palani, 01- Avinashilingham University for Women, Coimbatore, 05- PSGR Krishnammal College for Women, Coimbatore, 02- Jairam Arts and Science College, Karur, 01- Dr. NGP Institute of Technology, Coimbatore)

5	Mr.M.Rajesh, Assistant Professor of Zoology The American College, Madurai	Know Environment – Know Life 07.10.2020	122 Students (01- Maths, 01- Physics, 06- Chemistry, 02- Botany, 78- Zoology, 03- Nutrition and Dietetics, 31- CDF, VCW)
	Mr. R.Brawin Kumar EDGE FELLOW, Zoological Society of London, United Kingdom.	Conservation of Indian Biodiversity 08.10.2020	
6	Dr. K.S.Tamil Selvi, Assistant Professor of Botany, PSGR Krishnammal College for Women, Coimbatore.	Plant Tissue Culture Techniques 05.02.2021	181 Students (16- Faculty Members, 02- Research Scholars, 106- Botany, 57- Zoology)
7	Ms.Padmini S. Acharya, Research Fellow, Department of Neuro Science, Dr.ALM PG Institute of basic Medical Sciences, Chennai	Avenues of Research in Zoology 15.02.2021	104 Students (23- History, 07- Physics, 03- Chemistry, 71- Zoology)
8	Dr.P.Janardhana Kumar Reddy, Associate Professor, Department of education, Bharathiar University, Coimbatore	Professional Interview Preparation 15.02.2021	104 Students (23- History, 07- Physics, 03- Chemistry, 71- Zoology)
9	Dr.G.Sathyannarayanan, Assistant Professor in Physiology, Dr.ALM PG Institute of basic Medical Sciences, Chennai	Stress- Trash of Modern Life 09.02.2021	128 Students (01- English, 03- Maths, 03- physics, 38- Biochemistry, 61- Zoology, 22- B.Com)
10	Dr.K.Shankar Ganesh, Senior Scientist, ICAR, Coimbatore	Future Perspectives of Insect Pest Management 23.02.2021	72 Students (35- Zoology, 37- Botany)

Industrial / Institutional visits organized for the students

S.No.	Name of the Industry/ Laboratory Visited	Date (s)	Beneficiaries
1	Visit to Organic Farm, Sathyamangalam	18.02.2021	10 – I B.Sc., Zoology Students
2	Cotton Research Institute, Coimbatore	01.03.2021	15- III B.Sc., Zoology Students
3	Sugarcane Breeding Research Institute, Coimbatore	01.03.2021	15- III B.Sc., Zoology Students