

HANDS-ON TRAINING ORGANIZED UNDER THE STAR COLLEGE SCHEME

2019 -- 2024

S. No.	Date	Name of the Course	Course Code	Title	Resource Person	Organised by	Beneficieries
1	19.08.2019 -- 26.08.2019	Fishery Products	18UZOS31	Value added fishery products	Dr. D. Sukumar	Zoology	15
					Professor and Head, Department of Fish Processing Technology		
					Fisheries College and Research Institute, Thoothukudi		
2	27.09.2019 -- 28.09.2019	Microbiology	15UBOC51	Bacterial isolation, identification and biofilm formation	Dr. R. Ragunathan	Botany	9
					Director and Research Supervisor		
					Centre for Bioscience and Nanoscience Research, Coimbatore		
					Dr. K. Kabesh, Biotechnologist		
					Centre for Bioscience and Nanoscience Research, Coimbatore		
3	30.11.2019	Horticulture and Plant Breeding	18UBOS31	Panchagavya and pootchivirati preparation and its usage	Mr. A. Murugan	Botany	11
					Specialist in Agronomy		
					ICAR - SCAD KRISHI VIGYAN KENDRA		
					Vagaikulam, Thoothukudi.		
					Mr. P. K. Muthukumar		
					Specialist in Plant Protection		
					ICAR - SCAD KRISHI VIGYAN KENDRA		
4	02.12.2019 -- 04.12.2019	Biostatistics and Biological Techniques	15UBOE51	Basic research techniques	Dr. Samuel Gnana Prakash Vincent	Botany	15
					Head and Associate Professor		
					Centre for Marine Science and Technology		
					Rajakamangalam, Kanniyakumari		

5	03.12.2019	Horticulture and Plant Breeding	18UBOS31	Nursery establishment and management practices	Mr. A. Murugan	Botany	6
					Specialist in Agronomy		
					ICAR - SCAD KRISHI VIGYAN KENDRA		
					Vagaikulam, Thoothukudi		
6	04.12.2019	Apiculture	15UZOE51	Bee keeping	Mr. A. Murugan	Zoology	10
					Specialist in Agronomy		
					ICAR - SCAD KRISHI VIGYAN KENDRA		
					Vagaikulam, Thoothukudi		
					Dr. V. Srinivasan		
					Senior Scientist and Head of Animal Science		
					ICAR - SCAD KRISHI VIGYAN KENDRA		
7	05.12.2019	Poultry Science	15UZOC63	Backyard poultry rearing	Vagaikulam, Thoothukudi	Zoology	10
					Dr. V. Srinivasan		
					Senior Scientist and Head of Animal Science		
					ICAR - SCAD KRISHI VIGYAN KENDRA		
8	06.12.2019	Dairy Management	18UZOSS1	Dairy management	Vagaikulam, Thoothukudi	Zoology	10
					ICAR - SCAD KRISHI VIGYAN KENDRA		
					Senior Scientist and Head of Animal Science		
					Dr. V. Srinivasan		
					Mr. A. Murugan		
					Specialist in Agronomy		
					ICAR- SCAD KRISHI VIGYAN KENDRA		
9	06.12.2019	Solid State Physics	15UPHC52	Crystal growth	Vagaikulam, Thoothukudi	Physics	39
					ICAR - SCAD KRISHI VIGYAN KENDRA		
					Assistant Professor of Physics		
					SSN College of Engineering		
					Chennai		

10	07.12.2019	Horticulture and Plant Breeding	18UBOS31	Terrace / Home garden establishment	Mr. A. Murugan, Specialist in Agronomy	Botany	10
					ICAR - SCAD KRISHI VIGYAN KENDRA		
					Vagaikulam, Thoothukudi		
11	16.12.2019 -- 20.12.2019	Allied Biochemistry II	18UBCA21	Biochemical composition analysis of food	Dr. R. Jeya Shakila	Zoology, Botany and Chemistry	15
					Professor and Head		
					Fisheries College and Research Institute, Thoothukudi		
					Mrs. R. Shalini		
					Assistant Professor		
					Fisheries College and Research Institute, Thoothukudi		
12	23.12.2019 -- 28.12.2019	Marine Botany	15UBOC62	Identification of marine flora with special reference to commercially important seaweeds	Dr. I. Jagadis, Principal Scientist	Botany	11
					Central Marine Fisheries Research Institute, Thoothukudi		
					Dr. C. Kalidas, Scientist		
					Central Marine Fisheries Research Institute, Thoothukudi		
					Dr. L. Ranjith, Scientist		
					Marine Biodiversity Division		
					Central Marine Fisheries Research Institute, Thoothukudi		
13	23.12.2019 -- 28.12.2019	Fishery Products	18UZOS31	Compounded feed formulation for commercially important marine food fishes	Dr. I. Jegadis, Principal Scientist	Zoology	5
					Central Marine Fisheries Research Institute, Thoothukudi		
					Mr. D. Linga Prabhu, Scientist		
					Central Marine Fisheries Research Institute, Thoothukudi		
					Dr. C. Kalidas, Scientist		
					Central Marine Fisheries Research Institute, Thoothukudi		
					Mr. B. Ramar, Research Associate		
					Central Marine Fisheries Research Institute, Thoothukudi.		

14	23.12.2019 -- 28.12.2019	Invertebrata	18UZOC11	Identification of marine fauna with special reference to commercially important molluscs	Dr. I. Jegadis, Principal Scientist	Zoology	5
					Central Marine Fisheries Research Institute, Thoothukudi		
					Ms. M. Kavitha, Scientist		
					Central Marine Fisheries Research Institute, Thoothukudi.		
15	28.02.2020	Microbiology	15UBOC51	Foldscope training and explorer the microworld - 2020	Mr. Mo. Pandiarajan	Botany	25
					National Trainer of Foldscope		
					Director of EDEN Educational Resource Centre, Madurai		
16	07.03.2020	Aquaculture	15UZOE51	Trash to treasure: sea shell crafts	Mrs. X. Rajathi, Managing Director	Zoology	40
					Morning Star Social and Educational Trust		
					Thoothukudi		
17	15.04.2021 -- 20.04.2021	Computational Physics	18UPHC53	MATLAB and its applications in Physical Sciences	Dr. S. Kulandai Therese	Physics and Chemistry	129
					Assistant Professor of Mathematics		
					St. Mary's College (Autonomous)		
					Thoothukudi		
18	13.12.2021 -- 22.12.2021	Mechanics and Properties of Matter	21UPHC11	Training on e-mapping	DIGISAILOR company	Physics	11
					Thoothukudi		
19	15.12.2021 -- 17.12.2021	Electricity and Electromagnetism & Practical IV (Electronics)	18UPHC31 & 18UPHCR4	Practical physics	Mr. K. Balasubramanian	Physics	120
					Industrialist		
					Rethan Machining Solutions		
					Tirunelveli		
20	18.12.2021	Commercial Aquaculture	18UZOI52	Breeding and culture of ornamental fishes	Arun Sundar, Proprietor, Rajan Aquafarm, Sakkammalpuram, Thoothukudi	Zoology	33
21	21.12.2021 -- 22.12.2021	Food Technology	18UBON41	Baking for beginners	Ms. A. Karolin and Ms. A. Marithangam	Botany	33
					Assistant Professors of Food Science and Nutrition		
					Holy Cross Home Science College		
					Thoothukudi.		

22	14.02.2022	Solid State and Material Science	18UPCC51	Crystal growth	Dr. P. Sumithraj Premkumar	Physics	11
					Assistant Professor of Physics		
					St. John's College, Palayamkottai		
23	16.02.2022	Informative Chemistry	18UCHSS2	Fundamentals of computational chemistry and molecular simulation	Dr. M. Murali Krishnan	Chemistry	24
					Assistant Professor of Chemistry		
					Bannari Amman Institute of Technology		
					Sathyamangalam, Erode		
24	12.03.2022	Ecology and Biodiversity	18UZOC63	Sparrow conservation	Er. N. Dhanasekar, Founder	Zoology	196
					Chittukuruvigal Arakkattalai, Coimbatore		
25	07.09.2022 -- 09.09.2022	Computational Physics	18UPHC53	Physics based computer literacy	Mr. B. Veerabhahu, Managing Director	Physics	33
					Veera Computer Education		
					Thoothukudi		
26	07.11.2022 -- 09.11.2022	Computational Physics	18UPHC53	Advanced topics in C++	Mr. B. Veerabhahu, Managing Director	Physics	33
					Veera Computer Education, Thoothukudi		
27	30.01.2023	Advanced Physics and Project	18UPHI61 & 18UPHP61	Cost effective methods of thin film preparation	Dr. M. Karunakaran	Physics	68
					Assistant Professor of Physics		
					Alagappa Government Arts College		
					Karaikudi Taluk, Sivagangai		
28	01.02.2023 -- 02.02.2023	Anatomy, Embryology and Microtechniques	21UBOC21	Microtome	Mr. R. Vasanthakumar	Botany	33
					Research Scholar of Biotechnology		
					Manonmaniam Sundaranar University		
					Tirunelveli		
29	02.02.2023	Solid State and Material Science	18UPCC51	Learn to engineer the growth of crystalline and nanoscale materials	Dr. P. Rajesh	Physics	100
					Assistant Professor of Physics		
					SSN College of Engineering		
					Chennai.		

30	06.02.2023	Food Technology	21UBON41	Baking	Ms. A. Karolin	Botany	36
					Head and Assistant Professor of Food Science and Nutrition		
					Holy Cross Home Science College		
					Thoothukudi		
31	07.02.2023	Organic Farming and Biofertilizer	21UBOS41	Preparation of organic weedicides, fungicides and plant growing structures	Dr. Y. Rajakumar	Botany	15
					Former Deputy Director of Horticulture		
					Government of Tamil Nadu		
					Thoothukudi		
32	09.02.2023	Biostatistics and Bioinformatics	18UZOC62	16s rRNA based characterisation of microbes from environment and its taxonomical authentication using <i>in-silico</i> analysis	Dr. A. Mahalakshmi	Zoology	60
					Assistant Professor of Zoology		
					Lady Doak College (Autonomous)		
					Madurai		
33	13.02.2023 -- 15.02.2023	Medicinal Chemistry	21UCHS41	Molecular modelling and dynamics	Dr. M. Murali Krishnan	Chemistry	71
					Assistant Professor of Chemistry		
					Bannari Amman Institute of Technology		
					Sathyamangalam, Erode		
34	15.02.2023	Fishery Products	21UZOS31	Compost preparation using fish solid waste	Dr. D. Padmavathy	Fisheries College and Research Institute and St. Mary's College, Thoothukudi	10
					Department of Aquatic Environment Management		
					Fisheries College and Research Institute, Thoothukudi		
					Dr. V. Rani and Dr. D. Manimegalai		
					Department of Aquatic Environment Management		
					Fisheries College and Research Institute, Thoothukudi		

35	17.07.2023	Plant Resource Utilization	21UBON31	Preparation of herbal cosmetics	Dr. M. Packia Lincy	Botany	38
					Alumna (2007 -- 2012 Batch)		
					Assistant Professor of Botany		
					Lady Doak College (Autonomous)		
					Madurai		
36	11.08.2023	Biotechnology	21UBCC51	From Sample to Insights: Nucleic Acid Extraction and PCR Analysis	Dr. M. Senthil @ Shankar	Botany	21
					Research Fellow		
					ICAR – Central Tuber Crops Research Institute		
					Thiruvananthapuram, Kerala		
37	25.08.2023	Horticulture	21UBOS31	Seed Priming: A Sustainable Tool for Organic Farming	Dr. B. Kamatchi Kala	Botany	32
					Alumna (1997 -- 2003 Batch)		
					Assistant Professor of Botany		
					Sri Parasakthi College for Women		
					Courtallam, Tenkasi		
38	23.09.2023	Biostatistics and Bioinformatics	21UZOC62	Statistical analysis and interpretation of biological data using SPSS	Dr. S. Julian Daniel	Zoology	45
					Assistant Professor of BBA Maritime Logistics		
					St. Xavier's College (Autonomous)		
					Palayamkottai		
39	07.12.2023 -- 08.12.2023	Material Science	21UPCC51	A step-by-step guide for preparing and characterizing recent research materials	Dr. P. Sumithraj Premkumar	Physics	62
					Assistant Professor of Physics		
					St. John's College, Palayamkottai		

40	18.01.2024	Advanced Physics	21UPHC64	Polymer synthesis and characterisation	Dr. M. Meena	Physics	35
					Assistant Professor of Physics		
					ST Hindu College, Nagercoil.		
41	19.01.2024	Opto Electronics and Fibre Optics Communication	21UPHC63	Analog Modulation	Ms. K. Jasmine	Physics	27
					Assistant Professor of Electronics and Communication Engineering		
					Kumaraguru College of Technology		
					Coimbatore		
42	22.01.2024 -- 23.01.2024	Biotechnology	21UBCC51	Plant Tissue Culture Techniques	Dr. G. Premkumar	Botany	16
					Associate Professor of Botany		
					VHNSN College (Autonomous)		
					Virudhunagar		
43	08.02.2024 -- 09.02.2024	Taxonomy of Angiosperms and Economic Botany	21UBOC41	Taxonomic tale of the plant kingdom	Dr. Shreekar Pant	Botany	147
					Coordinator of the Centre for Biodiversity Studies		
					Baba Ghulam Shah Badshah University		
					Rajouri, Jammu and Kashmir		
					Dr. R. Murugan, Assistant Professor		
					Centre for Research and Postgraduate Studies in Botany		
					Ayya Nadar Janaki Ammal College, Sivakasi		
					Dr. D. Narasimhan		
					Former Head and Associate Professor of Botany		
					Madras Christian College, Chennai		

44	12.02.2024	Mushroom Cultivation	23UBOSE2	Mushroom cultivation and biocontrol agent production	Dr. J. Sheela	Botany	12
					Professor and Head of Plant Pathology		
					VOC Agricultural College and Research Institute		
					Killikulam, Vallanadu		
45	15.02.2024	Electrical Wiring and Appliances	21UPHSS2	Getting touch with home appliances	Mr. G. Samuel Muthuraj, Lecturer	Physics	35
					Bharatiyar Centenary Memorial Government Women's Polytechnic College, Ettayapuram.		
46	16.02.2024	Biostatistics and Bioinformatics	21UZOC62	Gene analysis by <i>in-silico</i> tools	Dr. D. Illakkiam	Zoology	60
					Assistant Professor of Biotechnology		
					Mother Teresa Women's University		
					Kodaikanal		
47	19.02.2024	Apiculture	23UZOSE3	Bee keeping practices	Dr. J. Shifa Vanmathi	Zoology	30
					Assistant Professor of Zoology		
					Sadakathullah Appa College		
					Tirunelveli		
					Mr. S. Essakimuthu, Trainer		
					Kamala Natural Honey Farm		
					Malayadiputhoor, (Kalakadu), Tirunelveli		
48	20.02.2024	Organic Chemistry III	21UCHC62	Introduction of organic sciences and synthetic methods	Dr. R. Imran Khan	Chemistry	78
					National Postdoctoral Fellow		
					Department of Organic Chemistry		
					Indian Institute of Science		
					Bengaluru, Karnataka		

49	22.02.2024	Biocomposting for Entrepreneurship	23UZOSE2	Vermicomposting Technology	Dr. V. Palanichamy	St. Mary's College and ICAR - SCAD, Thoothukudi	42
					Senior Scientist and Head,		
					ICAR SCAD Krishi Vigyan Kendra,		
					Vagaikulam		
50	26.02.2024	Cosmetics and Personal Grooming	23UCHSE3	Budding chemist as cosmetic entrepreneurs	Ms. X. Bridgitta Vinnarasi	Chemistry	42
					RB Makeover		
					Thoothukudi		
51	11.03.2024	Plant Anatomy, Embryology and Morphogenesis	23PBOC22	Histochemical techniques	Dr. V. Nandagopalan	Botany	47
					Associate Professor of Botany		
					National College (Autonomous)		
					Tiruchirappalli		
52	14.03.2024	Research Methodology and Bioinstrumentation	23PBOE23	OER and overview on N- list	Dr. K. Vinitha	Botany	8
					Librarian		
					St. Mary's College (Autonomous),		
					Thoothukudi		
53	27.03.2024	Medicinal Chemistry	21UCHS41	Clinical Chemistry	Ms. V. Muthulakshmi	Chemistry	26
					Emmanuel Institute of Health and Science, Tirunelveli		
54	06.08.2024	Commercial Aquaculture		Ornamental fish breeding and culture	Dr. S. Athithan,	Botany, ICAR-SCAD Krishi Vigyan Kendra, Vagaikulam, Thoothukudi & Fisheries College and Research Institute, Thoothukudi	29
					Professor & Head,		
					Fisheries College and Research Institute,		
					Thoothukudi.		
					Dr. Umamaheshwari,		
					Assistant Professor, DFEES,		
					Fisheries College and Research Institute,		
					Thoothukudi.		

54	06.08.2024	Commercial Aquaculture		Ornamental fish breeding and culture	Mr. P. K. Muthukumar	Botany, ICAR-SCAD Krishi Vigyan Kendra, Vagaikulam, Thoothukudi & Fisheries College and Research Institute, Thoothukudi	29
					SMS (Plant Protection)		
					ICAR SCAD KVK,		
					Thoothukudi.		
					Mr. Saravanan		
					Sidha Aqua Farm,		
					Sakkammalpuram.		
					Dr. Masanaselvam		
					ICAR SCAD KVK, Thoothukudi.		
55	22.08.2024	Herbal Health Care Products and Herbal Drugs	23UBON31 & 24UBOSE1	The art of herbal care: Towards a sustainable and effective use of natural health and beauty care products	Dr. T. Ponrathy	Botany	56
					Alumna (2001 -- 2005 Batch)		
					Head and Assistant Professor of Botany, Kamaraj College		
					Thoothukudi		
56	27.08.2024 -- 29.08.2024	Informative Chemistry	21UCHSS3	Cheminformatics	Dr. T. S. Gnanendra	Chemistry	18
					Head of Biotechnology		
					Vivekanandha College of Arts and Sciences for Women, Namakkal		
57	29.08.2024 -- 30.08.2024	Biotechnology	21UBCC51	Plant genetic engineering	Dr. D. Rex Arunraj	Botany	31
					Associate Professor of Genetic Engineering		
					SRM Institute of Science and Technology, Chennai		
58	02.09.2024	Genetics and Evolution	21UBOE51	Techniques in genetics and plant breeding	Dr. M. T. Andrew Peter Leon	Botany	52
					Assistant Professor of Crop Improvement		
					S. Thangapazham Agricultural Institute		
					Vasudevanallur, Tirunelveli		

59	03.09.2024	Computational Physics	21UPHC52	Microprocessor: Hands on innovation	Dr. S. R. Balaji	Physics	21
					Assistant Professor of Physics		
					Kamaraj College, Thoothukudi		
60	03.09.2024	Material Science	21UPCC51	Experiential learning in divergent approach for the synthesis of plasmonic nanoparticles, metal oxide nanoparticles, nanocomposites and their characterisation	Dr. S. Priya Velammal	Chemistry	31
					Associate Professor of Chemistry		
					V. O. Chidambaram College		
					Thoothukudi		
61	11.09.2024	Economic Zoology	21UZOC64	Worms at work for a greener planet	Mr. T. Vijay	Zoology	32
					Organic Plantation Trainer and Landscape Designer, Thoothukudi		
62	12.09.2024	Food Chemistry	24UCHSE1	Food analysis	Mr. S. Alex	Chemistry	38
					Food Analyst		
					Food Analysis Laboratory		
					Palayamkottai, Tamil Nadu		
63	13.09.2024	Chordata	24UZOC21	Taxidermy	Mr. C. Ayyasamy, Taxidermist	Zoology	20
					Government Museum, Triuchirappalli		