INVITED LECTURES ORGANIZED UNDER STAR COLLEGE SCHEME

2019--2024

S. No.	Date	Name of the Course	Course Code	Title	Resource Person	Organised by	Beneficier ies
					Dr. V. Irudhayaraj (Retd.)		
1		Pteridophytes,		Evolutionary	Associate Professor of Botany		
1	07.08.2019	Gymnosperms and Paleobotany	18UBOC31	Significance of Pteridophytes	St. Xavier's College (Autonomous)	Botany	56
					Palayamkottai		
					Dr. C. Vedhi		
	1 < 0.0 2010		1511011050	Development of	Assistant Professor of Chemistry		70
2	16.08.2019	Physical Chemistry II	15UCHC52	Nanoparticles and its Applications	V.O.Chidambaram College	— Chemistry —	79
					Thoothukudi		
					Dr. P. Sumithraj Premkumar		
		Renewable Energy			Assistant Professor of Physics		
3	16.08.2019	Source	15UPHE51	Advances of Energy Sources	St. John's College	Physics	92
					Palayamkottai.		
					Dr. P. Rajesh		
4	4 23.09.2019	019 Solid State Physics	15UPHC52	Growth of Device Quality Direction	Assistant Professor of Physics	Physics	45
4	23.09.2019		ISUPHCS2	Controlled Signal	SSN College of Engineering,	riiysies	45
					Chennai.		

5	09.12.2019	Nuclear and Particle Physics	15UPHC62	Nuclear Physics – Elementary Particles	Dr. P. Jebaraj Devadason Head and Associate Professor of Physics Pope's College (Autonomous) Sawyerpuram.	Physics	39
6	09.12.2019	Biotechnology	18UBOC51	Blue Biotechnology	Dr. S. Kalidass Associate Professor Department of Animal Science Manonmaniam Sundaranar University Tirunelveli.	Zoology	125
7	10.12.2019	Ecology and Biodiversity	18UZOC63	Forest and Biodiversity	Mr. S. Vimal Kumar Forest Range Officer Srivaikundam.	Zoology	134
8	13.12.2019	Fungi, Lichen Plant Pathology and Microbiology	18UBOC21	Plant Microbe Interaction	Dr. Egbert Selvin Associate Professor of Botany St. Joseph's College (Autonomous) Tiruchirapalli	Botany	79
9	13.12.2019	Project	15UPHC63	Computational Physics– Numerical Methods	Dr. B. Selvaraj Dean of Research Nehru Institute of Engineering and Technology Coimbatore	Physics	132
10	16.12.2019	Algae and Bryophytes	18UBOC12	Origin and Diversity of Bryophytes	Dr. A. E. Dulip Daniels Associate Professor and Head Botany Department and Research Centre Scott Christian College (Autonomous) Nagercoil	Botany	43

11	17.12.2019	Organic Chemistry IV	15UCHC62	Photochemistry- Fundamentals and Applications	Dr. K. Swarnalatha Associate Professor of Chemistry Manonmaniam Sundaranar University Tirunelveli	Chemistry	88
12	18.12.2019	Taxonomy of Angiosperms	18UBOC41	Plant Systematics	Dr. C. Murugan Scientist C Botanical Survey of India Coimbatore	Botany	36
13	19.12.2019	Advanced Physics	15UPHE61	Microprocessor 8085	Dr. C. James Associate Professor of Physics Scott Christian College (Autonomous), Nagercoil.	Physics	39
13	19.12.2019	Advanced Physics	15UPHE61	Microprocessor 8085	Dr. D. Hudson Oliver Assistant Professor of Physics Scott Christian College (Autonomous) Nagercoil.	Physics	39
14	19.12.2019	Analytical Chemistry	15UCHE61	Concept of Spectroscopy and its Applications	Dr. N. Raman Associate Professor of Chemistry VHNSN College (Autonomous) Virudhunagar	Chemistry	78
15	0 / 0 + 2020	Advanced Physics and Project	15UPHE61 & 15UPHC63	Development of Nanoparticles for Energy Applications	Dr. S. Karuppuchamy Professor and Head Department of Energy Science Alagappa University Karaikudi	Physics	39

					Dr. Thadeus		
					Professor and Head		
16	10.01.2020	Cell Biology and Genetics	18UZOC53	Skin Care in Day-to- Day Life	Department of Dermatology	Zoology	117
				Day Life	Thoothukudi Medical College		
					Thoothukudi		
					Dr. Ayyavu Mahesh,		
		Biotechnology,	15UBOC63	Gene Mutations - Molecular basis,	Director,		
17		and 15UBOE52	Mutagens and their Mode of Action	Centre for Stem Cell and Cancer Genomics, AMI Bioscience,	Botany	41	
					Coimbatore		
		020 Fishery Products	18UZOE31	Fish Culture	Dr. K. Veerabhadran,	Zoology	
					Professor		
18	21 01 2020				Department of Fisheries Extension		118
10	2110112020				Fisheries College and Research Institute		110
					Thoothukudi		
				High-Resolution Structure of the	Dr. Kundhavai Natchiar		
		Biostatistics and		Human 80S	Research Associate		
19	28.01.2020	Biological Techniques	15UBOE52	Ribosome Visualizes Chemical Modifications in its	IGBMC	Botany	42
				Modifications in its Ribosomal RNA F	France		

20	28.01.2020	Environmental Studies and Marine Biology	18UAEV21 & 15UBOC62	Human Population and Environmental Impact	Dr. M. Glory Head and Associate Professor of Botany St. Mary's College (Autonomous) Thoothukudi	Botany	160
21	28.01.2020	Physics for Competetive Examinations	18UPHS41	Career Opportunities for Physics Students	Dr. Lakshmi Shankar Iyer Head of Specialization, Business Analytics Christ Institute of Management Christ Deemed University Bengaluru Dr. Kunthavai Nachiyar Research Associate IGBMC France	Physics	132
22	31.01.2020	Marine Botany	15UBOC52	Biology of Mangroves and Coral Reefs	Dr. T. Ramanathan Associate Professor CAS Marine Biology Annamalai University Parangipettai	Botany	44
23	04.02.2020	Physical Chemistry III	15UCHC63	Basic Concepts of Group Theory	Dr. P. Sami Associate Professor of Chemistry VHNSN College (Autonomous) Virudhunagar	Chemistry	39
24	05.02.2020	Physical Chemistry I	15UCHC61	Story of Some Interesting Crystals	Dr. J. Sidharthan Associate Professor of Chemistry V.O. Chidambaram College Thoothukudi	Chemistry	43

25	11/11//11/11	Developmental Biology and Evolution	18UZOC31	Polycystic Ovarian Diseases and Related Problems	Dr. U. Insuvai Assistant Professor of Radiation Oncology Government Medical College Hospital Thoothukudi	Zoology	133
26	18.02.2020	Applied Biochemistry	18UZON41	Nanotechnology in Therapeutic Applications	Dr. R. M. Murugappan Dean, Curriculum Development, Head and Associate Professor of Zoology Thiagarajar College Madurai	Zoology	111
27	18 02 2020 1	Pharmaceutical chemistry	18UCHS41	Laboratory Safety Measures	Mr. D. C. Sathyanarayanan Senior Executive, Safety Department SPIC Pvt. Ltd. Thoothukudi	Chemistry	139
28	0/03/070/01	Bichemistry and Biophysics	15UBOC61	Laws of Thermodynamics and Bioenergetics	Dr. T. Peter Amaladhas Associate Professor of Chemistry V.O. Chidambaram College Thoothukudi	Botany	39
29	12.10.2020	Invertebrata I	18UZOC11	Invertebrates – An Overview	Dr. S. Mary Mettilda Bai, Head and Assistant Professor of Zoology Holy Cross College (Autonomous) Nagercoil	Zoology	52
30	12.10.2020	Mechanics, Wave Oscillations and Acoustics	18UPHC12	Wonders of Acoustics and Ultrasonics	Dr. J. Poongodi Associate Professor of Physics Kamaraj College Thoothukudi.	Physics	135

31	13.10.2020	Biostatistics and Biological techniques	18UBOI51	Research Methodology in Scientific Research	Dr. M. Johnson Assistant Professor and Director Centre for Plant Biotechnology St. Xavier's College (Autonomous) Palayamkottai	Botany	58
32	15.10.2020	Microbiology	18UBOC52	General Characters and Multiplication of TMV	Dr. T. Jebasingh Assistant Professor of Plant Sciences School of Biological Sciences Madurai Kamaraj University Madurai	Botany	44
33	15.10.2020	Coordination and Bioinorganic chemistry	15UCHE51	Basics and Overview of Coordination Chemistry	Dr. A. Elangovan Associate Professor PG & Research Department of Chemistry, Thiagarajar College Madurai	Chemistry	46
34	19.10.2020	Plant Resource Utilization	18UBON31	Recent Trends in the Production of Spices	Dr. N. Richard Kennady Professor Department of Horticulture Agriculture College & Research Institute, Killikulam.	Botany	41
35	21.10.2020	Immunology and Microbiology	18UZOC61	Exploring Knowledge, Attitudes and Practices for Covid– 19 Prevention	Dr. A. Raja Dentist and Maxillo facial Surgeon Eshvar Dental Clinic Coimbatore	Zoology	238
36	22.10.2020	Cgeneral Chemistry I	18UCHC11	Basic Quantum Chemistry	Dr. S. Joseph Selvaraj Head & Associate Professor St. Joseph's College (Autonomous) Tiruchirappalli	Chemistry	185

					Dr. Krishna Kumar Pandey		
					Assistant Professor of Physics		
37	23.10.2020	Solid state and Material Science	18UPCC51	Smart Materials	School of Basics Sciences and Research	Physics	230
					Sharda University		
					Greater Noida, Uttar Pradesh		
					Shri. V. Lakshmi Narasimhan		
				Role of Physical	Assistant Director (Physics)		
38	11/11/11/11	Computers for Digital Era and Soft Skills	18UCSB51	Sciences in Criminal	Audio Video Unit	Physics	157
		Lid and Soft Skins		Justice System	Forensic Science Laboratory		
					New Delhi, India		
					Dr. John Prince Soundranayagam		
		24.02.2021 Biology, Ecology and Phytogeography	18UBOC41	Remote Sensing and GIS in Biodiversity	Associate Professor of Physics	Botany	112
39					IQAC Coordinator		
					V.O. Chidambaram College		
					Thoothukudi		
				Challenges for Gen-	Dr. J. Daniel Chellappa		
40	01 03 2021 1	Nuclear and Particle Physics	18UPHC62	Next Scientists	Eminent Nuclear Scientist	Physics	375
		riiysies		(Intercollegiate)	Chennai		
				Science behind the	Dr. M. Melvin David Kumar		
41	27.09.2021	Solid state and Material	18UPCC51	Nanotechnology in	Assistant Professor of Physics	Diana	110
41	27.09.2021	Science	180PCC51	the Light of Quantum	St. Xavier's College (Autonomous)	Physics	116
				Mechanics	Palayamkottai		
					Dr. K. Arun Prasath Lingam		
42	28.09.2021	General Chemistry	1 21UCHC11	C11 What is needed for Ass Chemistry Graduates Kar	Assistant Professor of Chemistry	Chemistry	108
12	20.09.2021	General Chemisury			Kamaraj College		100
					Thoothukudi		

					Dr. Anupam Sharma		
		Plant Diversity II		BSIP : The Home to	Scientist E		
43	04.12.2021	(Pteridophytes, Gymnosperms and Paleobotany)	18UBOC31	Study Fossils and Allied Sciences	Birbal Sahni Institute of Paleobotany	Botany	38
		27			Lucknow		
					Mr. Abishek Tomar		
44	17.12.2021	Ecology and	18UBOI51	Human Wildlife	District Forest Officer	Botany	45
		Phytogeography		Conflict Mitigation	Thoothukudi		
					Mr. Pragadheeswaran Venkat		
4.5	00.01.0000	D' D' '	1011010000	Application of	Entrepreneur and Founder Director		176
45	22.01.2022	Bio Physics	18UPHSS3	Physics in Health Sciences	Aries Biomed Technology Pvt. Ltd.	Physics	176
				Sciences	Coimbatore		
					Prof. D. R. Meena		
					Associate Professor of Chemistry		
46	29.01.2022	Value Education	21UAVE11	Human Rights and Human Values	UHV and NEP Coordinator	Physics	103
				Human values	Bangalore Institute of Technology		
					Bengaluru		
					Ms. M. Kavitha, M. F.Sc., ARS.		
				Molluscan Fisheries	Scientist		
				and Aquaculture in	Shellfish Fisheries Division		
47	30.08.2022	Marine Biology	21UZOC63	India: Progress,	Tuticorin Regional Station	Zoology	128
				Problems and	ICAR-Central Marine Fisheries		
				Prospects	Research Institute	-	
					Tuticorin		
					Dr. L. Shakila,		
48	08.09.2022	Immunology and	21UZOC61	C61 Wonders of the Ass Microbial World Eth	Assistant Professor of Zoology	Zoology	62
.0	48 08.09.2022	Microbiology	21020001		Ethiraj College for Women	Loonogy	02
					Chennai		

49	08.09.2022	General Chemistry	21UCHC11	Nature Inspired Technology	Dr. K. Jeyasubramanian Senior Professor & Head of Chemistry Mepco Schlenk Engineering College Sivakasi	Chemistry	95
50	ng ng (ng) (ng)	Ecology and Phytogeography	21UBOC52	Plate Tectonics and Continental Drifts	Dr. S. Selvam Assistant Professor of Geology V.O. Chidambaram College Thoothukudi	Botany	90
51	10.11.2022	Value Education	21UAVE11	My Story - As a Successful Start – Up Founder	Mr. R. Meenakshi Sundaram Consultant & Director of Infotec Thoothukudi	Physics	100
52	17.11.2022	Organic Chemistry III	18UCHC52	Greener Practices in Academic Science Laboratories to Reduce Chemical Wastage	Prof. D. R. Meena Associate Professor of Chemistry Bangalore Institute of Technology Karnataka	Chemistry	120
53	30.01.2023	Inorganic Chemistry II	18UCHC61	Metals in Biology	Dr. S. Jemima Balaselvi Juliana Associate Professor of Chemistry The American College Madurai.	Chemistry	35
54	30.01.2023	Commercial Aquaculture	18UZOI52	Fisheries Sector: An Overview	Dr. T. Umamaheswari Assistant Professor Department of Fisheries Extension, Economics and Statistics Fisheries College and Research Institute, Thoothukudi	Zoology	134

					Dr. Sudha Rani		
55	03.02.2023	Professional English for	21UBOPE1	Language Skill	Assistant Professor of English	Botany	36
55	05.02.2025	Botany I	210DOFE1	Enhancement	St. Mary's College (Autonomous)	Botally	30
					Thoothukudi		
					Dr. P. Sami		
				Chemical	Associate Professor of Chemistry		
56	03.02.2023	Physical Chemistry III	18UCHC62	Equilibrium	VHNSN College (Autonomous)	Chemistry	37
					Virudhunagar		
					Dr. S. Viswanathan M.Sc., Ph.D.		
		Immun ala arr an d		Climate Change: Are	Associate Professor and Head		
57	14.02.2023	Immunology and Microbiology	18UZOC61	Microbes a Friend or	PG Department of Microbiology	Zoology	110
					Sri Paramakalyani College		
					Alwarkurichi	_	
					Dr. Jeya Jothi George		
		T			Associate Professor		
58	15.02.2023	Taxonomy of	21UBOC41	Dlaud Cardonnadian	Department of Plant Biology and	Determe	33
58	15.02.2023	Angiosperms and Economic Botany	21080041	Plant Systematics	Biotechnology	Botany	33
		Economic Botany			Loyola College		
					Chennai		
					Dr. Beschi Antony Rayan		
59	17 02 2022	Dlant Dhuni al a an		Dlagt Dhusiala au	Associate Professor of Botany	Deterry	36
39	17.02.2025	Plant Physiology	21UBOC61	Plant Physiology	St. Xavier's College (Autonomous)	Botany	30
					Palayamkottai		
					Dr. G. Sahaya Anthony Xavier		
60	12 07 2022	Dlant Diversity	22UDOC11	Biodiversity and its	Associate Professor	Potony	69
00	13.07.2023	Plant Diversity	1 231 BOCH 1		St. Xavier's College (Autonomous)	Botany	09
					Palayamkottai		

61	09.08.2023	Herbal Medicine	23UBOSE3	Ethnobotanical Documentation	Dr. R. Gnanavel Assistant Professor of Botany Arignar Anna College (Arts and Science) Polupatti, Krishnagiri	Botany	41
62	09.08.2023	Botany for Competetive Examination	18UBOSS2	Job Opportunities for Botany Students	Dr. R. Gnanavel Assistant Professor of Botany Arignar Anna College (Arts and Science) Polupatti, Krishnagiri	Botany	25
63	25.08.2023	Ecology	21UZOC53	Behavioural Ecology of Bats	Dr. S. Baskaran Assistant Professor of Zoology V. O. Chidambaram College Thoothukudi	Zoology	122
64	09.09.2023	Value Education	21UAVE11	Where am I now? Where do I want to go?	Dr. X. Rosary Alumna, Batch 1971 – 1976 Associate Professor of Botany (Retd), St. Mary's College (Autonomous Thoothukudi, Director of the Department of Youth Welfare, Manonmaniam Sundaranar University Tirunelveli	Botany	54

65	22.09.2023	Astrophysics	23UPHSE2	Application of Science in Space Research	Dr. M. Xavier James Raj Scientist (Rtd) ISRO Thiruvananthapuram	Physics	122
66	29.09.2023	Plant Diversity I Algae	23UBOC11	Algae – An Amazing Organism	Dr. Bakthavachalam Babu Assistant Professor of Botany Madras Christian College (Autonomous) Chennai	Botany	60
67	06.10.2023	Ecology	21UZOC53	Wonders of Wild Life	Dr. Ezhilmathi Sophia, Assistant Professor of Zoology, St. John's College Palayamkottai	Zoology	140
			logy 21UBOCC51	Biotechnology Lecture Series: Bioterrorism	Dr. Antony Rose Immaculate Alumina (1995 - 1998) Head and Associate Professor of Botany Stella Maris College (Autonomous) Chennai	Botany	216
68	11.12.2023 15.12.2023	Biotechnology		<i>In vitro</i> Callus Regeneration of <i>Andrographis</i> <i>paniculata</i> Nees., - An Important Medicinal Plant	Dr. V. Kalpanadevi Alumina (2004 - 2007) Assistant Professor of Botany Ayya Nadar Janaki Ammal College (Autonomous) Sivakasi		
				Conservation of Plant Diversity	Dr. Shunmuga Sundari Alumina (2014) Former Young Scientist DBT Young Scientist Project Pune		

68	11.12.2023 15.12.2023	Biotechnology	21UBOCC51	Medicinal Plants in Siddha Medicine	Dr. S. Sudha Alumina (1987 - 1990) Associate Professor of Botany Department of Medicinal Botany Government Siddha Medical College Palayamkottai, Tirunelveli	Botany	216
				Genetically Modified (GM) Crops	Dr. K. Jeba Ananthi Alumina (1995 - 1997) Assistant Professor of Botany Sarah Tucker College (Autonomous) Tirunelveli		
69	19.01.2024	Animal Behaviour	21UZOSS3	Is the Best Good Enough: Lessons from Animals	Dr. J. Ronald Senior Assistant Professor of Zoology St. Xavier's College (Autonomous) Palayamkottai	Zoology	122
70	$1 \times 11 \times 11 \times 1/1$	Research Methodology and Bioinstrumentation	23PBOE23	Green Nanotechnology: Advancement in Phyto formulation in Research	Dr. Sahaya Sathish Associate Professor of Botany, St. Joseph's College (Autonomous) Tiruchirappalli	Botany	88
71	18.03.2024	Project	21UBOP61	Application of Mathematics in Science	Dr. M. P. Jeyaraman Associate Professor of Mathematics Presidency College Chennai	Botany & Mathemati cs	158

					Dr. M. Kathiresan,		
72					Scientist,		39
	25.03.2024	Polymer Chemistry	21UCHE61	Organic Polymers	Electro Organic Division,	Chemistry	
		Research Institute, Karaikudi.	CSIR - Central Electrochemical				
				-	Dr. K. Sakthipandi		
					Professor of Physics		
73	16.08.2024	Material Sciecne	21UPCC51	Modern Materials for Future World	Research Coordinator	Physics	74
				Future world	SRM TRP Engineering College		
					Tiruchirapalli.		
					Dr. Senthil-Nathan		53
					Professor and Head		
74	16.08.2024	Economic Zoology	21UZOC64	Eco-friendly Pest Control using Microbes and	Sri Paramakalyani Centre for Excellence in Environmental Sciences	Zoology	
				Botanicals	Manonmaniam Sundaranar University		
					Alwarkurichi.		
75				T 1.0	Dr. L. Ranjith		
				Towards Sustainable Development: India's	Senior Scientist		
	19.08.2024	Marine Biology	21UZOC63	Role in Marine Biodiversity and	ICAR-Central Marine Fisheries Research Institute	Zoology	120
				Conservation	Tuticorin Regional Station Tuticorin		

76	30.08.2024	Algae, Bryophytes, Fungi and Lichens	24UBOC11	Invited Lecture on Life of Red Algae: A Closer Look	Dr. V. Sornalakshmi Alumna (Batch: 1995-2002) Assistant Professor A. P. C. Mahalaxmi College for Women Thoothukudi	Botany	22
77	31.08.2024	Physics for Everyday life	24UPHSE1	Indian Space Endeavours	Dr. N. Sivasubramanian Former Senior Scientist and Chief General Manager ISRO.	Physics	75
78	09.09.2024	Genetics and Evolution	21UBOE51	Theories of Organic Evolution	Dr. P Arockia Mary Fernandez Associate Professor of Zoology Aditanar College of Arts and Science Thiruchendur	Botany	33
79	12.09.2024	Biochemistry	21UBOC51	The Blueprint of Life: Unlocking the Secrets of Protein Structure	Dr. P. Tresina Soris Alumna (Batch: 2004-2009) Assistant Professor of Botany V. O. Chidambaram College Thoothukudi	Botany	35
80	12.09.2024	Chordata	21UZOC21	Diversity and Conservation of Indian Reptiles	Dr. A. Thanigaivel Research Associate ATREE's Agasthyamalai Community Conservation Centre, Manimuthar.	Zoology	67
81	18.09.2024	Algae, Bryophytes, Fungi and Lichens, Algicultural technology	24UBOC11	Pest Control using Biopesticides	Ms. E. Deepa Assistant Professor Nan Mudhalvan Scheme (Trainer) Manonmaniam Sundaranar University Tirunelveli	Botany	21