

INVITED LECTURES ORGANIZED UNDER STAR COLLEGE SCHEME

2019--2024

S. No.	Date	Name of the Course	Course Code	Title	Resource Person	Organised by	Beneficiaries
1	07.08.2019	Pteridophytes, Gymnosperms and Paleobotany	18UBOC31	Evolutionary Significance of Pteridophytes	Dr. V. Irudhayaraj (Retd.)	Botany	56
					Associate Professor of Botany		
					St. Xavier's College (Autonomous)		
					Palayamkottai		
2	16.08.2019	Physical Chemistry II	15UCHC52	Development of Nanoparticles and its Applications	Dr. C. Vedhi	Chemistry	79
					Assistant Professor of Chemistry		
					V.O. Chidambaram College		
					Thoothukudi		
3	16.08.2019	Renewable Energy Source	15UPHE51	Fundamentals and Advances of Energy Sources	Dr. P. Sumithraj Premkumar	Physics	92
					Assistant Professor of Physics		
					St. John's College		
					Palayamkottai		
4	23.09.2019	Solid State Physics	15UPHC52	Growth of Device Quality Direction Controlled Signal Crystals	Dr. P. Rajesh	Physics	45
					Assistant Professor of Physics		
					SSN College of Engineering		
					Chennai		
5	09.12.2019	Nuclear and Particle Physics	15UPHC62	Nuclear Physics – Elementary Particles	Dr. P. Jebaraj Devadason	Physics	39
					Head and Associate Professor of Physics		
					Pope's College (Autonomous)		
					Sawyerpuram		
6	09.12.2019	Biotechnology	15UZOE52	Blue Biotechnology	Dr. S. Kalidass	Zoology	125
					Associate Professor		
					Department of Animal Science		
					Manonmaniam Sundaranar University, Tirunelveli		

7	10.12.2019	Environmental Studies	18UAEV21	Forest and Biodiversity	Mr. S. Vimal Kumar	Zoology	134
					Forest Range Officer		
					Srivaikundam		
8	13.12.2019	Fungi, Lichen, Plant Pathology and Microbiology	18UBOC21 & 15UBOC51	Plant Microbe Interaction	Dr. A. Egbert Selwin Rose	Botany	79
					Associate Professor of Botany		
					St. Joseph's College (Autonomous)		
					Tiruchirappalli		
9	13.12.2019	Project	15UPHC63	Computational Physics – Numerical Methods	Dr. B. Selvaraj	Physics	132
					Dean of Research		
					Nehru Institute of Engineering and Technology		
					Coimbatore		
10	16.12.2019	Algae and Bryophytes	18UBOC12	Origin and Diversity of Bryophytes	Dr. A. E. Dulip Daniels	Botany	43
					Associate Professor and Head		
					Department of Botany		
					Scott Christian College (Autonomous), Nagercoil		
11	17.12.2019	Organic Chemistry IV	15UCHC62	Photochemistry - Fundamentals and Applications	Dr. K. Swarnalatha	Chemistry	88
					Associate Professor of Chemistry		
					Manonmaniam Sundaranar University		
					Tirunelveli		
12	18.12.2019	Taxonomy of Angiosperms	18UBOC41	Plant Systematics	Dr. C. Murugan	Botany	36
					Scientist C		
					Botanical Survey of India		
					Coimbatore		
13	19.12.2019	Advanced Physics	15UPHE61	Microprocessor 8085	Dr. C. James, Associate Professor of Physics	Physics	39
					Dr. D. Hudson Oliver		
					Assistant Professor of Physics		
					Scott Christian College (Autonomous), Nagercoil		

14	19.12.2019	Analytical Chemistry	15UCHE61	Concept of Spectroscopy and its Applications	Dr. N. Raman	Chemistry	78
					Associate Professor of Chemistry		
					VHNSN College (Autonomous)		
					Virudhunagar		
15	07.01.2020	Advanced Physics and Project	15UPHE61 & 15UPHC63	Development of Nanoparticles for Energy Applications	Dr. S. Karuppuchamy	Physics	39
					Professor and Head		
					Department of Energy Science		
					Alagappa University		
16	10.01.2020	Medical Nutrition Therapy	15UZOS51	Skin Care in Day-to-Day Life	Karaikudi	Zoology	117
					Dr. J. Thadeus		
					Professor and Head		
					Department of Dermatology		
17	20.01.2020	Biotechnology, Molecular Biology and Bioinformatics	15UBOC63 & 15UBOE52	Gene Mutations - Molecular basis, Mutagens and their Mode of Action	Thoothukudi Medical College	Botany	41
					Thoothukudi		
					Dr. Ayyavu Mahesh		
					Director		
18	21.01.2020	Fishery Products	18UZOE31	Fish Culture Technologies	Centre for Stem Cell and Cancer Genomics, AMI Bioscience	Zoology	118
					Coimbatore		
					Dr. K. Veerabhadran		
					Professor		
19	28.01.2020	Biostatistics and Biological Techniques	15UBOE51	High-Resolution Structure of the Human 80S Ribosome Visualizes Chemical Modifications in its Ribosomal RNA	Department of Fisheries Extension	Botany	42
					Fisheries College and Research Institute		
					Thoothukudi		
					Dr. Kundhavai Natchiar		
					Research Associate		
					Institute of Genetics and Molecular and Cellular Biology		
					France		

20	28.01.2020	Environmental Studies and Marine Botany	18UAEV21 & 15UBOC62	Population Ecology	Dr. M. Glory	Botany	160
					Head and Associate Professor of Botany		
					St. Mary's College (Autonomous)		
					Thoothukudi		
21	28.01.2020	Physics for Competitive Examinations	18UPHS41	Career Opportunities for Physics Students	Dr. Lakshmi Shankar Iyer	Physics	132
					Head of Specialization, Business Analytics		
					Christ Institute of Management		
					Christ Deemed University		
					Bengaluru		
					Dr. Kunthavai Nachiyar		
					Research Associate		
					Institute of Genetics and Molecular and Cellular Biology		
22	31.01.2020	Marine Botany	15UBOC62	Biology of Mangroves and Coral Reefs	France	Botany	44
					Dr. T. Ramanathan		
					Associate Professor		
					CAS in Marine Biology		
					Annamalai University		
23	04.02.2020	Physical Chemistry III	15UCHC63	Basic Concepts of Group Theory	Parangipettai	Chemistry	39
					Dr. P. Sami		
					Associate Professor of Chemistry		
					VHNSN College (Autonomous)		
24	05.02.2020	Physical Chemistry I	15UCHC61	Story of Some Interesting Crystals	Virudhunagar	Chemistry	43
					Dr. J. Sidharthan		
					Associate Professor of Chemistry		
					V.O. Chidambaram College		
25	07.02.2020	Developmental Biology and Evolution	18UZOC31	Polycystic Ovarian Diseases and Related Problems	Thoothukudi	Zoology	133
					Dr. U. Insuvai		
					Assistant Professor of Radiation Oncology		
					Government Medical College Hospital		
					Thoothukudi		

26	18.02.2020	Applied Biochemistry	18UZON41	Nanotechnology in Therapeutic Applications	Dr. R. M. Murugappan	Zoology	111
					Head and Associate Professor of Zoology		
					Thiagarajar College, Madurai		
27	18.02.2020	Pharmaceutical Chemistry	18UCHS41	Laboratory Safety Measures	Mr. D. C. Sathyanarayanan	Chemistry	139
					Senior Executive, Safety Department		
					SPIC Pvt., Ltd. Thoothukudi		
28	02.03.2020	Bichemistry and Biophysics	15UBOC61	Laws of Thermodynamics and Bioenergetics	Dr. T. Peter Amaladhas	Botany	39
					Associate Professor of Chemistry		
					V.O. Chidambaram College Thoothukudi		
29	12.10.2020	Invertebrata I	18UZOC11	Invertebrates – An Overview	Dr. S. Mary Mettilda Bai	Zoology	44
					Head and Assistant Professor of Zoology		
					Holy Cross College (Autonomous) Nagercoil		
30	12.10.2020	Mechanics, Wave Oscillations and Acoustics	18UPHC12	Wonders of Acoustics and Ultrasonics	Dr. J. Poongodi	Physics	135
					Associate Professor of Physics		
					Kamaraj College, Thoothukudi		
31	13.10.2020	Biostatistics and Biological Techniques	18UBOI51	Research Methodology in Scientific Research	Dr. M. Johnson	Botany	58
					Assistant Professor of Botany		
					St. Xavier's College (Autonomous) Palayamkottai		
32	15.10.2020	Microbiology	18UBOC52	General Characters and Multiplication of TMV	Dr. T. Jebasingh	Botany	44
					Assistant Professor of Plant Sciences		
					School of Biological Sciences Madurai Kamaraj University Madurai		

33	15.10.2020	Inorganic Chemistry II	18UCHC61	Basics and Overview of Coordination Chemistry	Dr. A. Elangovan	Chemistry	46
					Associate Professor		
					PG and Research Department of Chemistry		
					Thiagarajar College		
					Madurai		
34	19.10.2020	Plant Resource Utilization	18UBON31	Recent Trends in the Production of Spices	Dr. N. Richard Kennady	Botany	41
					Professor		
					Department of Horticulture		
					Agriculture College and Research Institute, Killikulam		
35	21.10.2020	Immunology and Microbiology	18UZOC61	Exploring Knowledge, Attitudes and Practices for Covid – 19 Prevention	Dr. A. Raja	Zoology	238
					Dentist and Maxillo Facial Surgeon		
					Eshvar Dental Clinic		
					Coimbatore		
36	22.10.2020	General Chemistry I	18UCHC11	Basic Quantum Chemistry	Dr. S. Joseph Selvaraj	Chemistry	185
					Head and Associate Professor		
					St. Joseph's College (Autonomous)		
					Tiruchirappalli		
37	23.10.2020	Solid State and Material Science	18UPCC51	Smart Materials	Dr. Krishna Kumar Pandey	Physics	230
					Assistant Professor of Physics		
					School of Basics Sciences and Research		
					Sharda University		
					Greater Noida, Uttar Pradesh		
38	07.11.2020	Computers for Digital Era and Soft Skills	18UCSB51	Role of Physical Sciences in Criminal Justice System	Shri. V. Lakshmi Narasimhan	Physics	157
					Assistant Director		
					Audio Video Unit		
					Forensic Science Laboratory		
					New Delhi, India		

39	24.02.2021	Ecology and Phytogeography	18UBOI51	Remote Sensing and GIS in Biodiversity	Dr. John Prince Soundranayagam	Botany	112
					Associate Professor of Physics		
					V.O. Chidambaram College		
					Thoothukudi		
40	01.03.2021	Nuclear and Particle Physics	18UPHC62	Challenges for Gen-Next Scientists	Dr. J. Daniel Chellappa	Physics	375
					Eminent Nuclear Scientist		
					Chennai		
41	27.09.2021	Solid State and Material Science	18UPCC51	Science behind the Nanotechnology in the Light of Quantum Mechanics	Dr. M. Melvin David Kumar	Physics	116
					Assistant Professor of Physics		
					St. Xavier's College (Autonomous)		
					Palayamkottai		
42	28.09.2021	General Chemistry	21UCHC11	What is needed for Chemistry Graduates	Dr. K. Arun Prasath Lingam	Chemistry	108
					Assistant Professor of Chemistry		
					Kamaraj College		
					Thoothukudi		
43	04.12.2021	Plant Diversity II (Pteridophytes, Gymnosperms and Paleobotany)	18UBOC31	BSIP : The Home to Study Fossils and Allied Sciences	Dr. Anupam Sharma	Botany	38
					Scientist E		
					Birbal Sahni Institute of Paleobotany		
					Lucknow		
44	17.12.2021	Ecology and Phytogeography	18UBOC63	Human Wildlife Conflict Mitigation	Mr. Abhishek Tomar	Botany	45
					District Forest Officer		
					Thoothukudi		
45	22.01.2022	Biophysics	18UPHSS3	Application of Physics in Health Sciences	Mr. Pragadheeswaran Venkat	Physics	176
					Entrepreneur and Founder		
					Aries Biomed Technology Pvt., Ltd.		
					Coimbatore		
46	29.01.2022	Value Education	21UAVE11	Human Rights and Human Values	Prof. D. R. Meena	Physics	103
					Associate Professor of Chemistry		
					Bangalore Institute of Technology		
					Bengaluru		

47	30.08.2022	Marine Biology	18UZOI51	Molluscan Fisheries and Aquaculture in India: Progress, Problems and Prospects	Ms. M. Kavitha, Scientist	Zoology	128
					Shellfish Fisheries Division		
					Tuticorin Regional Station		
					ICAR - Central Marine Fisheries Research Institute, Thoothukudi		
48	08.09.2022	Immunology and Microbiology	18UZOC61	Wonders of the Microbial World	Dr. L. Shakila	Zoology	62
					Assistant Professor of Zoology		
					Ethiraj College for Women, Chennai		
49	08.09.2022	General Chemistry	21UCHC11	Nature Inspired Technology	Dr. K. Jeyasubramanian	Chemistry	95
					Senior Professor and HoD of Chemistry		
					Mepco Schlenk Engineering College		
					Sivakasi		
50	09.09.2022	Ecology and Phytogeography	18UBOC63	Plate Tectonics and Continental Drifts	Dr. S. Selvam	Botany	90
					Assistant Professor of Geology		
					V.O. Chidambaram College, Thoothukudi		
51	10.11.2022	Value Education	21UAVE11	My Story - As a Successful Start – Up Founder	Mr. R. Meenakshi Sundaram	Physics	100
					Consultant and Director of Infotec		
					Thoothukudi		
52	17.11.2022	Organic Chemistry III	18UCHC52	Greener Practices in Academic Science Laboratories to Reduce Chemical Wastage	Prof. D. R. Meena	Chemistry	120
					Associate Professor of Chemistry		
					Bangalore Institute of Technology		
					Bengaluru, Karnataka		
53	30.01.2023	Inorganic Chemistry II	18UCHC61	Metals in Biology	Dr. S. Jemima Balaselvi Juliana	Chemistry	35
					Associate Professor of Chemistry		
					The American College, Madurai.		
54	30.01.2023	Commercial Aquaculture	18UZOI52	Fisheries Sector: An Overview	Dr. T. Umamaheswari	Zoology	134
					Assistant Professor		
					Department of Fisheries Extension, Economics and Statistics		
					Fisheries College and Research Institute, Thoothukudi		

55	03.02.2023	Professional English for Botany I	21UBOPE1	Language Skill Enhancement	Dr. S. Sudha Rani	Botany	36
					Assistant Professor of English		
					St. Mary's College (Autonomous)		
					Thoothukudi		
56	03.02.2023	Physical Chemistry III	18UCHC62	Chemical Equilibrium	Dr. P. Sami	Chemistry	37
					Associate Professor of Chemistry		
					VHNSN College (Autonomous)		
					Virudhunagar		
57	14.02.2023	Immunology and Microbiology	18UZOC61	Climate Change: Are Microbes a Friend or Foe?	Dr. S. Viswanathan	Zoology	110
					Associate Professor and Head		
					PG Department of Microbiology		
					Sri Paramakalyani College, Alwarkurichi		
58	15.02.2023	Taxonomy of Angiosperms and Economic Botany	21UBOC41	Plant Systematics	Dr. Jeya Jothi George	Botany	33
					Associate Professor		
					Department of Plant Biology and Biotechnology		
					Loyola College, Chennai		
59	17.02.2023	Plant Physiology	18UBOC61	Plant Physiology	Dr. S. Beschi Antony Rayan	Botany	36
					Associate Professor of Botany		
					St. Xavier's College (Autonomous)		
					Palayamkottai		
60	13.07.2023	Ecology and Phytogeography	21UBOC52	Biodiversity and its Conservation	Dr. G. Sahaya Anthony Xavier	Botany	69
					Associate Professor of Botany		
					St. Xavier's College (Autonomous)		
					Palayamkottai		
61	09.08.2023	Herbal Medicine	23UBOSE3	Ethnobotanical Documentation	Dr. R. Gnanavel	Botany	41
					Assistant Professor of Botany		
					School of Life Sciences, Arignar Anna College (Arts and Science)		
					Polupalli, Krishnagiri		

62	09.08.2023	Basics of Botany	23UBOF11	Job Opportunities for Botany Students	Dr. R. Gnanavel	Botany	25
					Assistant Professor of Botany		
					School of Life Sciences, Arignar Anna College (Arts and Science)		
					Polupalli, Krishnagiri		
63	25.08.2023	Ecology	21UZOC53	Behavioural Ecology of Bats	Dr. S. Baskaran	Zoology	122
					Assistant Professor of Zoology		
					V.O. Chidambaram College		
					Thoothukudi		
64	09.09.2023	Organic Farming	23UBOSE1	Where am I now? Where do I want to go?	Dr. X. Rosary Mary	Botany	54
					Alumna, (1971 – 1976 Batch)		
					Associate Professor of Botany (Retd)		
					St. Mary's College (Autonomous)		
					Thoothukudi		
					Former Director of the Department of Youth Welfare		
					Manonmaniam Sundaranar University		
					Tirunelveli		
65	22.09.2023	Astrophysics	23UPHSE2	Application of Science in Space Research	Dr. M. Xavier James Raj	Physics	122
					Scientist (Retd.)		
					ISRO, Thiruvananthapuram		
66	29.09.2023	Plant Diversity I Algae	23UBOC11	Algae – An Amazing Organism	Dr. B. Babu	Botany	60
					Assistant Professor of Botany		
					Madras Christian College (Autonomous), Chennai		
67	06.10.2023	Ecology	21UZOC53	Wonders of Wild Life	Dr. A. Ezhilmathi Sophia,	Zoology	140
					Assistant Professor of Zoology		
					St. John's College		
					Palayamkottai		

68	11.12.2023 -- 15.12.2023	Biotechnology	21UBCC51	Biotechnology Lecture Series: Bioterrorism	Dr. Antony Rose Immaculate	Botany	216
					Alumna (1995 - 1998 Batch)		
					Head and Associate Professor of Botany		
					Stella Maris College (Autonomous)		
					Chennai		
				<i>In vitro</i> Callus Regeneration of <i>Andrographis paniculata</i> - An Important Medicinal Plant	Dr. V. Kalpanadevi		
					Alumna (2004 - 2007)		
					Assistant Professor of Botany		
					Ayya Nadar Janaki Ammal College (Autonomous)		
					Sivakasi		
				Conservation of Plant Diversity	Dr. M. Shunmuga Sundari		
					Alumna (2014)		
					Former Young Scientist		
					DBT Young Scientist Project		
					Pune		
				Medicinal Plants in Siddha Medicine	Dr. S. Sudha		
					Alumna (1987 - 1990)		
					Associate Professor of Botany		
					Department of Medicinal Botany		
					Government Siddha Medical College Palayamkottai, Tirunelveli		
				Genetically Modified Crops	Dr. K. Jeba Ananthi		
					Alumna (1995 - 1998)		
					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	Zoology	122
					Assistant Professor of Zoology		
					St. Xavier's College (Autonomous)		
					Palayamkottai		

70	18.03.2024	Research Methodology and Bioinstrumentation	23PBOE23	Green Nanotechnology: Advancement in Phyto formulation in Research	Dr. S. Sahaya Sathish	Botany	88
					Associate Professor of Botany		
					St. Joseph's College (Autonomous)		
					Tiruchirappalli		
71	18.03.2024	Project	21UBOP61	Application of Mathematics in Science	Dr. M. P. Jeyaraman	Botany and Mathematics	158
					Associate Professor of Mathematics		
					Presidency College		
					Chennai		
72	25.03.2024	Polymer Chemistry	21UCHE61	Organic Polymers	Dr. M. Kathiresan	Chemistry	39
					Scientist		
					Electro Organic Division		
					Central Electrochemical Research Institute		
73	16.08.2024	Material Science	21UPCC51	Modern Materials for Future World	Karaikudi	Physics	74
					Dr. K. Sakthipandi		
					Professor of Physics		
					Research Coordinator		
74	16.08.2024	Economic Zoology	21UZOC64	Eco-friendly Pest Control using Microbes and Botanicals	SRM TRP Engineering College	Zoology	53
					Tiruchirappalli.		
					Dr. S. Senthil Nathan		
					Professor and Head		
75	19.08.2024	Marine Biology	21UZOC63	Towards Sustainable Development: India's Role in Marine Biodiversity and Conservation	Sri Paramakalyani Centre for Excellence in Environmental Sciences	Zoology	120
					Manonmaniam Sundaranar University		
					Alwarkurichi.		
					Dr. L. Ranjith		
75	19.08.2024	Marine Biology	21UZOC63	Towards Sustainable Development: India's Role in Marine Biodiversity and Conservation	Senior Scientist	Zoology	120
					ICAR-Central Marine Fisheries Research Institute		
					Tuticorin Regional Station		
					Thoothukudi		

76	30.08.2024	Algae, Bryophytes, Fungi and Lichens	24UBOC11	Life of Red Algae: A Closer Look	Dr. V. Sornalakshmi	Botany	22
					Alumna (1995 - 2002 Batch)		
					Assistant Professor of Botany		
					A. P. C. Mahalaxmi College for Women		
					Thoothukudi		
77	31.08.2024	Physics for Everyday Life	24UPHSE1	Indian Space Endeavours	Dr. N. Sivasubramanian	Physics	75
					Former Senior Scientist and Chief General Manager		
					ISRO, Thiruvananthapuram		
78	09.09.2024	Genetics and Evolution	21UBOE51	Theories of Organic Evolution	Dr. P. Arockia Mary Fernandez	Botany	33
					Associate Professor of Zoology		
					Aditanar College of Arts and Science, Thiruchendur		
79	12.09.2024	Biochemistry	21UBOC51	The Blueprint of Life: Unlocking the Secrets of Protein Structure	Dr. P. Tresina Soris	Botany	35
					Alumna (2004 - 2009 Batch)		
					Assistant Professor of Botany		
					V.O. Chidambaram College		
					Thoothukudi		
80	12.09.2024	Chordata	24UZOC21	Diversity and Conservation of Indian Reptiles	Dr. A. Thanigaivel	Zoology	67
					Consultant in Ashoka Trust for Research in Ecology and Environment		
					Agasthyamalai Community Conservation Centre		
					Manimuthar		
81	18.09.2024	Algae, Bryophytes, Fungi and Lichens & Agriculture Technology	24UBOC11 & 24PBOSE1	Pest Control using Biopesticides	Ms. E. Deepa	Botany	21
					Nan Mudhalvan Scheme (Trainer)		
					Manonmaniam Sundaranar University		
					Tirunelveli		