

IN-HOUSE TRAINING PROGRAMME ORGANIZED UNDER THE STAR COLLEGE SCHEME

2019 -- 2024

S. No.	Date	Name of the Course	Course Code	Title	Name of the Equipment	Name of the Trainer	Organised by	Beneficiaries
1	13.12.2021 -- 17.12.2021	Clinical Laboratory Technology	18UZOS41	Basic clinical analysis	Centrifuge, Stethoscope and Sphygmomanometer	Dr. N. Arokiya Mary	Zoology	115
						Associate Professor of Zoology		
						Dr. Jemma Hermelin Jesy Diaz		
						Dr. S. R. T. Sherly Cross		
						Dr. M. Paripooranaselvi		
						Dr. P. Subavathy		
						Assistant Professors of Zoology		
						St. Mary's College (Autonomous)		
2	14.12.2021 -- 15.12.2021	Agricultural Chemistry and Water Management	18UCHS31	Analysis of carbon, nitrogen, phosphorus, zinc and calcium in soil	Mini Lab for Soil Analysis	Thoothukudi	Chemistry	115
						Dr. A. Lakshmi		
						Dr. G. Amala Jothi Grace		
						Assistant Professors of Chemistry		
						St. Mary's College (Autonomous)		
3	14.12.2021 16.12.2021 & 17.12.2021	Pharmaceutical Chemistry	18UCHS41	Estimation of glucose, cholesterol, hemoglobin and protein in blood sample	Semi Auto Analyzer	Thoothukudi	Chemistry	98
						Dr. B. Divya		
						Dr. A. Parveen Sulthana		
						Assistant Professors of Chemistry		
						St. Mary's College (Autonomous)		
4	14.12.2021 -- 18.12.2021	Taxonomy of Angiosperms	18UBOC41	Digitalization of campus flora	Flat Bed Scanner	Thoothukudi	Botany	10
						Dr. F. Dayana Lobo		
						Ms. S. Pauline Jenifer		
						Assistant Professors of Botany		
						St. Mary's College (Autonomous)		

5	14.12.2021 -- 18.12.2021	Horticulture and Plant Breeding	18UBOS31	Horticultural techniques	Garden Tools	Dr. S. Beulah Jerlin	Botany	10
						Dr. B. Maria Sumathi		
						Assistant Professors of Botany		
						St. Mary's College (Autonomous)		
						Thoothukudi		
6	14.12.2021 -- 18.12.2021	Plant Resource Utilization	18UBON31	Extraction and analysis of oil	Oil Extractor and Clevenger Apparatus	Ms. A. Lucas Rexceline	Botany	45
						Assistant Professor of Physics		
						Dr. G. Flora		
						Assistant Professor of Botany		
						St. Mary's College (Autonomous)		
7	14.12.2021 -- 18.12.2021	Anatomy. Embryology and Microtechniques	21UBOC21	Histological techniques	Trinocular Microscope	Thoothukudi	Botany	20
						Ms. S. Pauline Jenifer		
						Dr. R. Mary Santhi		
						Assistant Professors of Botany		
						St. Mary's College (Autonomous)		
8	14.12.2021 -- 18.12.2021	Biostatistics and Biological Techniques	18UBOI51	Metal analysis	Flame Photometer and Muffle Furnace	Thoothukudi	Botany	43
						Ms. A. Selvaananthi		
						Assistant Professor of Botany		
						St. Mary's College (Autonomous)		
						Thoothukudi		
9	15.12.2021 -- 18.12.2021	Basic Biotechnology	18UZON31	Isolation and separation of DNA	Electrophoresis Apparatus	Thoothukudi	Zoology	42
						Dr. R. Sri Priya		
						Assistant Professor of Zoology		
						St. Mary's College (Autonomous)		
						Thoothukudi		
10	04.01.2022 -- 05.01.2022	General Chemistry I	21UCHC11	Teaching and learning mathematics through error analysis		Thoothukudi	Chemistry	31
						Dr. V. L. Stella Arputha Mary		
						Head and Assistant Professor of Mathematics		
						St. Mary's College (Autonomous)		
						Thoothukudi		

11	19.12.2022	Genetics, Animal Physiology and Developmental Zoology	21UZOC31	Basic skills in biological sciences	Urine Analyzer, Stethoscope and Sphygmomanometer	Dr. Jemma Hermelin Jesy Diaz	Zoology	33
						Dr. M. Paripooranaselvi		
						Dr. P. Subavathy		
						Dr. R. Sri Priya		
						Assistant Professors of Zoology		
						St. Mary's College (Autonomous)		
						Thoothukudi		
12	19.12.2022 -- 20.12.2022	Anatomy, Embryology and Microtechniques	21UBOC21	Essential steps in plant microtechnique: From preparation to observation	Trinocular Microscope	Dr. E. Daffodil D Almeida	Botany	34
						Dr. F. Dayana Lobo		
						Assistant Professors of Botany		
						St. Mary's College (Autonomous)		
						Thoothukudi		
13	19.12.2022	Agricultural Chemistry	21UCHS31	Determination of BOD, COD and soil quality parameters	BOD Incubator, BOD Analyzer and COD Digester	Dr. Irudaya Antonat Sophia	Chemistry	45
						Dr. G. Amala Jothi Grace		
						Assistant Professors of Chemistry		
						St. Mary's College (Autonomous)		
						Thoothukudi		
14	19.12.2022 -- 21.12.2022	Organic Farming and Biofertilizer	21UBOS41	Preparation of biofertilizer	Electronic Balance and Magnetic Stirrer	Dr. S. Beulah Jerlin	Botany	15
						Dr. R. Mary Santhi		
						Assistant Professors of Botany		
						St. Mary's College (Autonomous)		
						Thoothukudi		
15	19.12.2022 -- 22.12.2022	Physics for Competitive Examinations	21UPHS41	Absolute determination of M and BH and BG-figure of merit for charge	Deflection Magnetometer, Spot Galvanometer	Dr. M. Sheeba	Physics	34
						Ms. P. Dhanalakshmi,		
						Assistant Professors of Physics		
						St. Mary's College (Autonomous)		
						Thoothukudi		

16	19.12.2022 -- 22.12.2022	Applied Physics I	21UPHN31	Newton's ring method and rigidity modulus using torsional pendulum	Travelling Microscope and Torsional Pendulum	Dr. Euchrista Immaculate Sylvia	Physics	36
						Ms. Lucas Rexcelline		
						Associate Professors of Physics		
						St. Mary's College (Autonomous)		
						Thoothukudi		
17	19.12.2022 -- 22.12.2022	Applied Physics II	21UPHN41	Uniform bending using scale and telescope, Construct the basic gates using NOR and NAND	Telescope	Dr. Sr. Jessie Fernando	Physics	36
						Ms. Lucas Rexcelline		
						Associate Professors of Physics		
						St. Mary's College (Autonomous)		
						Thoothukudi		
18	19.12.2022 -- 22.12.2022	Applied Physics II	21UPHN41	Multiplexer and demultiplexer, Serial in parallel out shift register	Integrated Chip	Dr. M. Sheeba	Physics	48
						Ms. Valentina		
						Assistant Professors of Physics		
						St. Mary's College (Autonomous)		
						Thoothukudi		
19	20.12.2022	Solid State and Material Science	18UPCC51	Preparation of nanoparticles	Muffle Furnace, Ultra Centrifuge and Magnetic Stirrer	Dr. Irudaya Antonat Sophia	Chemistry	39
						Dr. G. Amala Jothi Grace		
						Assistant Professors of Chemistry		
						St. Mary's College (Autonomous)		
						Thoothukudi		
20	20.12.2022	Basic Biotechnology	21UZON31	Biotechnology experiments	Gel Electrophoresis Unit	Dr. R. Sri Priya	Zoology	40
						Assistant Professor of Zoology		
						St. Mary's College (Autonomous)		
						Thoothukudi		
21	20.12.2022 -- 22.12.2022	Molecular Biology and Bioinformatics	18UBOI61	Extraction and estimation of DNA, Bioinformatics tools - BLAST, FASTA and RASMOL	Electrophoresis Apparatus	Ms. S. Pauline Jenifer	Botany	35
						Dr. P. Hermalin		
						Assistant Professors of Botany		
						St. Mary's College (Autonomous)		
						Thoothukudi		

22	21.12.2022	Taxonomy of Angiosperms and Economic Botany	21UBOC41	Herbarium techniques	Flat Bed Scanner and Herbarium Cabinet	Dr. F. Dayana Lobo	Botany	38
						Assistant Professor of Botany		
						St. Mary's College (Autonomous)		
						Thoothukudi		
23	21.12.2022	Everyday Chemistry	21UCHN31	Preparation of household articles	Centrifuge	Dr. A. Lakshmi	Chemistry	16
						Dr. A. Parveen Sulthana		
						Assistant Professors of Chemistry		
						St. Mary's College (Autonomous)		
						Thoothukudi		
24	21.12.2022	General Chemistry I	21UCHC11	Argentometric titration	Conductivity Meter	Dr. G. Amala Jothi Grace	Chemistry	34
						Assistant Professor of Chemistry		
						St. Mary's College (Autonomous)		
						Thoothukudi		
25	21.12.2022	Cell Biology and Genetics	18UZOC53	Measure the diameter of the cell	Ultra-microscope	Dr. Jemma Hermelin Jesy Diaz	Zoology	36
						Dr. M. Paripooranaselvi		
						Dr. P. Subavathy		
						Assistant Professors of Zoology		
						St. Mary's College (Autonomous)		
						Thoothukudi		
26	21.12.2022 -- 22.12.2022	Food Technology	21UBON41	Bakery products preparation	Electronic Balance	Dr. G. Flora	Botany	38
						Dr. B. Maria Sumathi		
						Assistant Professors of Botany		
						St. Mary's College (Autonomous)		
						Thoothukudi		

27	22.12.2022	Clinical Laboratory Technology	21UZOS41	Separate blood cells, Measure the heart beat and Measure the blood pressure	Stethoscope, Sphygmomanometer and haemoglobinometer	Dr. Jemma Hermelin Jesy Diaz	Zoology	37
						Dr. M. Paripooranaselvi		
						Dr. P. Subavathy		
						Assistant Professors of Zoology		
						St. Mary's College (Autonomous)		
28	22.12.2022	Allied Chemistry I	21UCHA12	Conductometric titration	Conductivity Meter	Thoothukudi	Chemistry	25
						Dr. B. Divya		
						Dr. A. Parveen Sulthana		
						Assistant Professors of Chemistry		
						St. Mary's College (Autonomous)		
29	22.12.2022	Allied Chemistry I	21UCHA11	Chromatographic Techniques	TLC Apparatus	Thoothukudi	Chemistry	50
						Dr. A. Lakshmi		
						Dr. B. Divya		
						Assistant Professors of Chemistry		
						St. Mary's College (Autonomous)		
30	28.07.2023	Plant Resources Utilization	21UBON31	Millet-based tiffin recipes	Electronic Balance	Thoothukudi	Botany	72
						Dr. S. Beulah Jerlin		
						Assistant Professor of Botany		
						St. Mary's College (Autonomous)		
31	27.08.2024	Invertebrata	24UZOC11	Unveiling the economic potential of molluscs: From tide to trade	Microscopes	Thoothukudi	Zoology	34
						Dr. M. Paripooranaselvi		
						Assistant Professor of Zoology		
						St. Mary's College (Autonomous)		