

DEPARTMENT OF BOTANY
COLLABORATIVE ACTIVITY AND LINKAGES
2022-2023

S. No.	Name of the activity / linkage	Name of the Participant	Duration	Name of the partnering institution /industry research lab with contact details	Revenue Generated
1.	Additional examiner for environmental science evaluation board	Dr. R. Mary Santhi Assistant Professor of Botany	3 days (29.05.2023 -- 31.05.2023)	Sadakathullah Appa College (Autonomous), Tirunelveli	Yes
2.	External examiner Manonmaniam Sundaranar University B.Sc. Botany major practical examination	Dr. Sr. A. Arockia Jenecius Alphonse Assistant Professor of Botany	5 days (27.04.2023 -- 29.04.2023, 02.05.2023 -- 03.05.2023)	V.O. Chidambaram College, Thoothukudi	Yes
3.	Question paper setting for Applied Botany	Dr. F. Dayana Lobo Assistant Professor of Botany	6 days (04. 04.2023 -- 09.04.2023)	Sarah Tucker College (Autonomous), Palayamkottai, Tirunelveli	Yes
4.	Question paper setting for Plant Diversity I	Dr. Daffodil D Almeida Assistant Professor of Botany	11 Days 02.11.2022 -- 13.11.2022	Lady Doak College, Madurai	Yes

5.	Question paper setting for Fundamentals of Botany	Dr. Sr. A. Arockia Jenecius Alphonse Assistant Professor of Botany	17 Days 02.11.2022 to 19.11.2022	Lady Doak College, Madurai - 2	Yes
6.	Paper Publication (Anti-inflammatory Activity of LPAM Nano Crystals and Hirshfeld Impact on Crystals)	Dr. G. Flora Assistant Professor of Botany	1 year (2021 - 2022)	K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002, India	No
7.	Paper Publication (Growth, computation-structure-elucidation, antidiabetic use of 1,4-Bis(2-Nitrobenzyl) pipe)	Dr. G. Flora Assistant Professor of Botany	1 year (2021 - 2022)	K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002, India	No
8.	Paper Publication (Density Functional Theory (DFT) Studies for Quadrupole and Octapole Moments, Field Analysis by Theoretical Interactions by Softwares and Anti-Diabetic (AD), Antioxidant (AO) Bio-Pharma Properties of the DLA Crystals)	Dr. B. Maria Sumathi Dr. F. Dayana Lobo and Dr. G. Flora Assistant Professors of Botany	1 year (2021 - 2022)	K. Senthil Kannan, Department of Physics R&D, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002, India	No
9.	Paper Publication (Structural Explication by Software and Anti-Diabetic Effectiveness of L-Phenylalanine Maleate (LPAM) Macro and Nano Crystalline Samples)	Dr. A. Jacintha Tamil Malar Ms. S. Pauline Jenifer Dr. F. Dayana Lobo Dr. G. Flora and Dr. B. Maria Sumathi Assistant Professors of Botany	1 year (2022 - 2022)	K. Senthil Kannan, Department of Physics, R&D, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002, India	No

10.	Paper Publication (Bio Utility and Structural Enrichment of Dimethylammonium Diethyldithiocarbamate (DADDTC) Macro and Nano Scaled Crystals)	Dr. A. Jacintha Tamil Malar Dr. B. Maria Sumathi Dr. F. Dayana Lobo and Dr. G. Flora Assistant Professors of Botany	1 year (2021 - 2022)	K. Senthil Kannan, Department of Physics R&D, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002, India	No
11.	Paper Publication (Technological advances in the production of carotenoids and their applications - A critical review)	Dr. G. Flora Assistant Professor of Botany	1 Year 2021 -- 2022	Dr. Veeramuthu Ashokkumar, Department of Pharmacology SDC, Saveetha Institute of Medical and Technical Sciences, Saveetha University, Chennai	No
12.	Question paper setting for Taxonomy of Angiosperms	Dr. F. Dayana Lobo Assistant Professor of Botany	13days (22. 09.2022 -- 04.10.2022)	Sarah Tucker College (Autonomous), Palayamkottai, Tirunelveli	Yes
13.	DC Member	Dr. S. Beulah Jerlin Assistant Professor of Botany	28.08.2022	Dr. J. John Peter Paul Assistant Professor Department of Botany St. Xavier's College (Autonomous) Tirunelveli	Yes
14.	Paper Publication (Advanced technologies on the sustainable approaches for conversion of organic waste to valuable bioproducts: Emerging circular bio economy perspective)	Dr. G. Flora Assistant Professor of Botany	1 year (2021 -- 2022)	Dr. Veeramuthu Ashokkumar, Department of Pharmacology, SDC, Saveetha Institute of Medical and Technical Sciences, Saveetha University, Chennai	No

15.	Paper Publication (Synthesis and diffraction, computational exposure, hardness and interaction studies of EN2MNYM3NA crystalline material for mechanized, electronic and bio utilities)	Dr. G. Flora Assistant Professor of Botany	1 year (2021 -- 2022)	K. Senthil Kannan, Department of Physics, Edayathangudy G.S Pillay Arts and Science College, Nagapattinam - 611 002 India	No
16.	Book Chapter (Biomedical and Electronic Tune-ups of 2C4NA nanocrystalline sample)	Dr. G. Flora Assistant Professor of Botany	6 months (January 2022 -- June 2022)	K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002 India	No
17.	Book Chapter (Biological effect nanotubular, Vanderwall's impact of 4-methyl-2-nitroaniline (4M2NA) nanocrystals)	Ms. S. Pauline Jenifer, Dr. B Maria Sumathi and Dr. G. Flora Assistant Professors of Botany	6 months (January 2022 -- June 2022)	K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002 India	No
18.	Book Chapter (Nano, Peptide Link, Pharma Impact and Electron Density of AMPHB Macro, Nano Crystalline Samples)	Dr. F. Dayana Lobo Dr. A. Jacintha Tamil Malar Dr. B. Maria Sumathi and Dr. G. Flora Assistant Professors of Botany	6 months (January 2022 -- June 2022)	K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002 India	No
19.	Book Chapter (Device Utility, Energy and Bio utility of N2MNM4MBH Macro Nano Models)	Ms. S. Pauline Jenifer and Dr. G. Flora Assistant Professors of Botany	6 months (January 2022 -- June 2022)	K. Senthil Kannan Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002 India	No
20.	Book chapter (Bio curative, Tribological, Electro-Functionalities of ZnO-MIZN Nanoparticles)	Dr. G. Flora Assistant Professor of Botany	6 months (January 2022 -- June 2022)	K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002 India	No

21.	Book Chapter (Antidiabetic, Anti-Oxidant, Computational, Filter, and Tribological Characterizations of Bis Glycine Lithium Bromide Monohydrate Nano (32 nm) Scaled Crystals)	Dr. F. Dayana Lobo, Dr. A. Jacintha Tamil Malar and Dr. G. Flora Assistant Professors of Botany	6 months (January 2022 -- June 2022)	K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002 India	No
22.	Book Chapter (Nanotubular Device Effect, Super Cell Effectiveness, Hirshfeld Energy Analysis and Biomedical Efficacy of 2-Fluoro-5-Nitro-Aniline (2F5NA) Crystals)	Dr. G. Flora Assistant Professor of Botany	6 months (January 2022 -- June 2022)	K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002 India	No
23.	Book Chapter (Super Lattice, Computational Interactions and Bio-Uses of CPDMDP Crystals)	Dr. G. Flora, Ms. S. Pauline Jenifer and Dr. A. Jacintha Tamil Malar Assistant Professors of Botany	6 months (January 2022 -- June 2022)	K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002 India	No
24.	Book Chapter (Biological, Electronic-Filter, Influx and Theoretical Practicalities of 2-Chloro-6-Nitroaniline (2C6NA) Crystals for Biomedical and Microelectronics Tasks)	Dr. G. Flora and Dr. B. Maria Sumathi Assistant Professors of Botany	6 months (January 2022 -- June 2022)	K. Senthil Kannan, Department of Physics, Edayathangudy G.S Pillay Arts and Science College, Nagapattinam - 611 002 India	No
25.	Book Chapter (Biomedical, Tribological, and Electronic Functionalities of Silver Nanoparticles)	Dr. G. Flora and Dr. F. Dayana Lobo Assistant Professors of Botany	6 months (January 2022 -- June 2022)	K. Senthil Kannan, Department of Physics, Edayathangudy G.S Pillay Arts and Science College, Nagapattinam - 611 002 India	No

26.	Reconstitution of Board of studies in UG Botany	Dr. Sr. A. Arockia Jenecius Alphonse Assistant Professor of Botany	3 years 2020 -- 2023	Manonmaniam Sundaranar University, Tirunelveli	No
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