

<b>Name</b>	<b>Dr. G. Flora</b>
<b>Qualification</b>	<b>M.Sc., M.Phil., Ph.D.</b>
<b>Designation</b>	<b>Assistant Professor</b>
<b>Year of Joining</b>	<b>18.01.2010 (Management) 01.08.2014 (Aided)</b>
<b>Specialization</b>	<b>Bionanotechnology, Bioremediation,</b>
<b>Email id</b>	<b>chandranflora@gmail.com</b>
<b>Mobile No.</b>	<b>9976940601</b>



#### **Seminars/Workshops/FDP/ Conferences**

<b>Title of the Workshop/ Seminar/ FDP</b>	<b>Type</b>	<b>Paper Presented/ Participated</b>	<b>Title of the Paper</b>	<b>Organized By</b>	<b>Date</b>
Workshop on Effective Classroom communication and teaching skills for college teachers	National	Participated	-	Christ University, Bangalore,	11to 12 - 05- 2011
Seminar on Nature & Biodiversity conservation (nabico 2011)	National	Participated	-	Sadakathullah Appa College, Tirunelveli	31-01- 2011
Conference on Maritime Activities of the Portugese in India with Special Reference to the Pearl Fishery Coast	International	Participated	-	Pearl Research Centre for Historuy, Cultre and Tourism, Department of History, St. Mary's College, Thoothukudi	13to 15- 07- 2011
Seminar on E-resources- A must in today's scholarly world		Participated	-	St. Mary's College (Autonomous), Thoothukudi,	19-10-2012

Workshop on Bioinformatics	-	Participated	-	St. John's College, Palayamkottai,	13 to 14 - 12- 2012
Faculty Improvement Programme	-	Participated	-	AIACHE in Kodaikkanal	20 to 21- 11-2013
Short Film Making Workshop	-	Participated	-	Don Bosco Media	16 to 20 - 12-2013
Institutional Quality Improvement : Role of Information and Commnication Technology	-	Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	31-01-2014 & 1-02- 2014
Funded projects: Winning Strategies for preparing proposal and impressive presentation	National	Participated	-	Manonmanium Sundaranar University, Tirunelveli	19 to 21 - 11- 2014
National seminar on Bioinformatics,	National	Participated	-	Department of Bioinformatics, School of Life Sciences, Bharathidasan University, Trichy	28 to 29- 01- 2015
International Conference on Reasserting Microbial Biotechnology to Deflate Global Disease Burden- RMBT' 15	International	Participated	-	Department of Biotechnolog, Manonmaniam Sundaranar University, Tirunelveli	28 to 29- 09-2015
INUP Hands- on Training Workshop on "PDMS Microfluids and Micro and Nano Characterization Techniques"	International	Participated	-	Centre for Nano Science and Engineering, Indian Institute of Science, Bangalore	19 to 27 - 11-2015

National workshop on Basic statistics using SPSS and Excel (BASSE-2016)	National	Participated	-	Sadakathullah Appa College (Autonomous) Palayamkottai	5to 6 -01-2016
National Seminar on Quality Enhancement in Higher Education: Teaching, Learning & Evaluation	National	Presented	Analysis of the Advantages and Disadvantages of Multimedia Teaching in Colleges	IQAC, St. Mary's College (Autonomous), Thoothukudi	7 to 8 – 01-2016.
National Seminar on Multi Disciplinary Research	National	Participated	-	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	20-02-2016
Capacity Building Workshop on E-content Development	State	Participated	-	St. Mary's College (Autonomous), Thoothukudi	11 to 16 - 04-2016
Training on Nanotechnology	State	Participated	-	Centre for Bioscience and Nanoscience Research, Eachnari, Coimbatore	20 to 21-05 2016
Training on Animal Cell Culture and MTT Assay	State	Participated	-	Centre for Bioscience and Nanoscience Research, Eachnari, Coimbatore	2&3- 06-2016
Training programe of Direct Benefit Transfer (DBT) Scheme -Plan Scheme Monitoring System(CPSMS)	National	Participated	-	Matha Sundari College, New Delhi	13 -07-2016
International Conference on	International	Presented	Green Synthesis	University, Vellore, Tamil	10 to 12 – 08- 2016

Advances in Algal Biotechnology			and Characterization of silver nanoparticles using aqueous extract of Gracilaria corticata and their effect on growth of beneficial soil microbes and earthworms. 2. Effect of Ulva lactuca and Padina tetrastratica concentrate on Growth and yield of Momordica charantia”	Nadu	
International conference on Advances in Nanomaterials and Nanotechnology	International	Presented	Green synthesis and characterization of silver nanoparticles using aqueous extract of Hypnea musciformis and their effect on growth of beneficial microbes and earthworms	centre for nanoscience and nanotechnology , Jamia Milia Islamia, New Delhi	4.11.16 to 5.11.2016
National Conference on	-	Participated	-	St. Mary's College	27 &28 - 01- 2017

Cosmic concerns: An Interdisciplinary Dialogue in Applied Ethics				(Autonomous), Thoothukudi	
STEM Teacher Training Workshop on Research – Based Pedagogical Tools	National	Participated	-	Indian Institute of Science Education and Research, Pune	26-02-2017 1-03-2017
International seminar on Biology for sustainable Environment	International	Presented	Isolation and screening of Azo dye decolorizing bacterial isolates from shrimp shell contaminated soil in thoothukudi coast	Department of Environmental Biotechnology, School of Environmental Sciences, Bharathidasan University, Tiruchirapalli	7-03 2017 to 8 -03 2017
E-waste Hazards and Management	State	Participated	-	St. Mary's College (Autonomous), Thoothukudi	9 -03- 2017
International Conference on Pharmaceutical, medical & Environmental health sciences (ICPharME-2017)	International	Presented	Biosynthesis and Characterization of silver nanoparticles using aqueous extract of brown algae and their effect on beneficial soil microbes	IRF Conference association with IRAJ Research forum, Bangalore	4-08-2017 to 5 -08- 2017
Seminar on Academic and Research Integrity in the Digital World	National	Participated	-	Research Forum and Department of Library, St. Mary's College (Autonomous), Thoothukudi	09/12/2017
Basic Biotechnology Techniques				Department of Biotechnology, Karunya	13/04/2018

				University	
Wonderful World of oceans: Emerging Trends and Implications	International	participated		Department of Zoology, St. Mary's College (Autonomous)	12/02/2020
A Two day Training Programme on Bacterial Isolation, Identification and Biofilm Formation		Participated		Centre for Bioscience Nanoscience Research (CBNR), Coimbatore	27.11.2019 to 28.11.2019
Seminar on Biodiversity and Climate Change	International	Presented		Department of Botany and Research Centre in Scott Christian College, Nagercoil, Tamil Nadu	05.12.2019 & 06.12.2019
National Seminar on Innovations in Plant Science Soil Health And Agriculture	National	Presented	Synthesis of Silver Nanoparticles by Using Fruit Extracts: Characterization of the Particles and Study of Antibacterial Activity	Lady doak college, madurai	12/12/2019
Training Programme on Identification of Marine Flora with Special Reference to Commercially Important Seaweeds		Participated		Central Marine Fisheries Research Institute (CMFRI), Thoothukudi	23.12.2019 to 28.12.2019
International	International	Presented	Safe	Finishing	08.01.2020

Conference on Climate Change: Adaptation and Mitigation			Biodegradation of Textile Azo Dyes by Fungi Isolated from Petroleum Contaminated Soil in Varthaga Reddi Patti, Thoothukudi, Tamil Nadu	School Cell, St. Thomas' College (Autonomous), Thrissur, Kerala, India	- 10.01.2020
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### Papers Published

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
An approach towards control of Blast by foliar application of seaweed concentrate	<b>G. Flora</b> and S. Maria Victorial Rani	Science Research Reporter	2011	2	(3)	213-217
Genesis, speciation and heavy metal retention potential and bio availability of soil in mangrove ecosystem, Tuticorin, Tamil Nadu	M. Glory, S. Maria Victorial Rani, G. Flora	Journal of Basic and Applied Biology	2011	4	(1&2)	203-208
Seaweed concentrate as an alternative source to control Tikka disease in groundnut	<b>G. Flora</b> and S. Maria Victorial Rani.	Seaweed Res. Utiln.,	2012	34	(1&2)	127-131
Study on the efficacy of <i>Ulva lactuca</i> concentrate in controlling early leaf spot disease in <i>Arachis hypogea</i> under natural field condition	<b>G. Flora</b> and S. Maria Victorial Rani	Marian Quest,	2012	1	2	135-143
Activity of seaweed extracts against phytopathogens	<b>G. Flora</b> and S. Maria Victorial Rani	Seaweed Res. Utilin.,	2013	35	(1&2)	78-90
Atrazine effect on Photosynthesis of <i>Pistia Stratiotes</i> ,L.	<b>G. Flora</b> , M. Glory and S. Maria Victorial Rani	International Journal of PharmTech Research	2013	5	2	800-803
Gc-ms analysis of	<b>G. Flora</b> and S.	Int J Pharm	2013	4	(1)B	649-

<i>Acanthophoraspicifera</i>	Maria Victorial Rani	Bio Sci				653
Effect of <i>Stoechospermummarginatum</i> (Ag). Kutz extract on controlling blast disease in rice caused by <i>Pyriculariaoryzae</i> under natural field condition	<b>G. Flora</b> and S. Maria Victorial Rani	African Journal of Agricultural Research	2013	8	(25)	3289-3293
Study On Antioxidant Potential Of Different Parts Of <i>Martynia annua</i> Linn.– A Road Side Weed	<b>G. Flora</b> , M. Mary Josephine,	International Journal of Development Research	2013	3	9	051-054
<i>Ulothrix flacca</i> concentrate as an alternative source to control early leaf spot disease in groundnut.	<b>G. Flora</b> and S. Maria Victorial Rani	Marian quest	2013	2	1	66-74
Effect of <i>Padina pavonia</i> on soil fertility and biochemical profile of <i>Vigna unguiculata</i> under induced lead stress.	<b>G. Flora</b> , M. Mary Josephine	<i>Seaweed Res. Utilin.,</i>	2013	35	1&2	129
Green Synthesis and Characterization of silver nanoparticles using aqueous extract of <i>Gracilaria corticata</i> and their effect on growth of beneficial soil microbes and earthworms.	<b>G. Flora</b> & Murugammal	Seaweed research and utilization	2016	38	2	35-42
Effect of <i>Ulva lactuca</i> and <i>Padina tetrastromatica</i> concentrate on Growth and yield of <i>Momordica charantia</i> .	<b>G. Flora</b> & Vishnupriya	Seaweed research and utilization	2016	38	2	118-124
Effect of <i>Ulva lactuca</i> and <i>Padina tetrastromatica</i> concentrate on Growth and yield of <i>Lablab purpureus</i> L.	<b>G. Flora</b> & Vishnupriya	Asian Journal of Biological and Life Sciences	2017	6	1	321-328



Synthesis of silver nanoparticles using red algae, characterization and effect on beneficial soil microbes.	<b>G. Flora &amp; Murugammal</b>	Asian Journal of Biological and Life Sciences	2017	6	1	313-320
Isolation and screening of Azo dye decolorizing bacterial isolates from shrimp shell contaminated soil in thoothukudi coast	<b>G. Anusiya, G. Flora &amp; P. Solaieswari</b>	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2017	5	7	1351-1354
Extraction of Silver Nanoparticles (Ag-NPs) by green synthesis from aqueous extract of seaweeds and their consequences on HeLa cell line and their utility on soil by spectroscopic tools	K. SenthilKannan G. Flora S. Gunasekaran H. Abdul Jaffar Ali M. Vimalan S. Balasubramanian	Environmental and Microbial Biotechnology	2021	32		13850-13858
Growth, characterizations, and the structural elucidation of diethyl-2-(3-oxoisobutylidene)malonate crystalline specimen for dielectric and electronic filters, thermal, optical, mechanical, and biomedical applications using conventional experimental and theoretical practices	Rajkumar M, Maalmarugan J, Flora G. et al.,	Journal of Materials Science: Materials in Electronics	2021	32		22822-22839
Synthesis, growth, XRD, NLO, CHNSO, structure by theoretical approach, dielectric, absorbance, photoconductivity and bio studies of 4-(4-Acetyl-5-Methyl-1H-1,2,3-Triazol-1-yl) Benzonitrile crystals for optical, opto-electronic	J. Maalmarugan, V. Yokeswaran, R. Divya, H. Ganesan, R.P. Patel, G. Flora, K. SenthilKannan, K. Muruganathan, B. Vijayalakshmi, M. Hari sumithkumar, J. Janci Arockia	Journal of Materials Science: Materials in Electronics	2021	32		13850-13858

and photonics utilities	Rani & M.Meena				
Synthesis, growth, XRD, NLO, CHNSO, computational structural, dielectric, photoconductivity, hardness and biostudies of diethyl 2-amino-5-{4-[bis(4-methyl phenyl)amino] benzamido} thiophene-3,4-dicarboxylate (DABMPABTD) macro-, nano crystals fro device fabrication, pharma, electronic uses	H. Ganesan, K. SenthilKannan, S. Christy, J. Maalmarugan, G. Flora, Juliet Josephine Joy, M. Gulam Mohamed, R.P.Patel, S. Gunadekaran, B. Vijayalakshmi & K. Murugananthan	Journal of Materials Science: Materials in Electronics	2021	32	1549 8- 1550 8
Anti diabetic (AD) studies of picolinium maleate nano crystals	K Senthil Kannan, S Gayathri Devi, Prithiviraj Nagarajan, <b>G Flora</b> , R Ranadevan	Materials Today: Proceedings	2020/3/31	Accepted	
Anti-diabetic (AD) activities of ZnO doped with Ce (7 at%) nano particles (NP)	K Senthil Kannan, Malarkodi Velraj, <b>G Flora</b> , K Ilaiyaraja, S Kohila	Materials Today: Proceedings	2020/4/19	Accepted	
Anti-inflammatory (AI) and crystalline hardness characterisations of 4-(4-chlorophenyl)-7,7-dimethyl-7,8-dihydro-4h-1-benzopyran-2,5(3h,6h)-dione- (CPDMDHHPHHD) – Comparative analysis of macro and nano scales crystals	<b>G Flora</b> , K Senthilkannan, M Kolanjinathan, JK Mongiya	Materials Today: Proceedings	2020/6/26	Accepted	
Advanced technologies on the sustainable approaches for conversion of organic waste to valuable bioproducts: Emerging circular bioeconomy perspective	Ashokkumar V, <b>G. Flora</b> , Venkatkarthick R, SenthilKannan K, Kuppam C, Mary Stephy G, Kamyab H, Chen WH, Thomas J, Ngamcharussrivichai C	Fuel	2022/4/19	Accepted	

#### Webinars and Online FDP Programmes attended

Date	Name of the Institution	Topics
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5th May 2020	Indian Academy , Degree College (Autonomous)	Bacterial Virulence:Perceptive and Pragmatic approach
6th May 2020	Colombo Plan Staff College	Redefining Learning Spaces - Changes Agent in Educational Ecosystem
9th May to 14th May 2020	Jayaraj Annupackiam College for Women (Autonomous), Periyakulam	National Level Online Faculty Development Programme on "Effective Usage of ICT Tools for smart Teaching
11th May 2020	Colombo Plan Staff College	Digital Technology and E Based Learning in TVET
14th May 2020	Nirmala College for Women, coimbatore	Plant Molecular Biology in Space
14th May 2020	Lyallpur Khalsa College, Jalandhar	Essential oils and aroma Mission
14th to 24th May-2020	Universal Teachers Academy, Puducherry	Workshop on Introduction to Animation, Creation of Anitmated Objects and Characters, Creation of Interactive Animation and Evaluation
15th May 2020	Springer Nature	Online Workshop - Scientific Writing for Journals
16th & 17th May-2020	Patrician College of Arts & Science, Chennai	Online FOP on - Project Proposals for funding agencies (UGC Stride & ICSSR impress) Preparation and Submission Protocol
16th May 2020	Foundation for Innovative Research in Science and Technology, Nagercoil	One day Online Workshop on Discovering and Learning Statistics using MS Excel
17th May 2020	St. Mary's College (Autonomous), Thoothukudi	Webinar - Bioinformatics in Microbiome Research & Climate, Biomes and India
18th May 2020	Patrician College of Arts & Science, Chennai	Online FOP on - My Life My Pride My Career
19th May 2020	Geetha Jeevan Arts & Science College, Thoothukudi	Online FOP on - Reducing Education Gamification
19th May 2020	Colombo Plan Staff College	Webinar - Soft Skills Development of TVET Graduates in the Age of IR 4.0
20th May 2020	Loyola Institute of Frontier Energy (Life), Chennai	National Webinar - Taking Research Forward during the Pandemic
20th to 24th May-2020	JP College of Arts & Science, Ayikudy, Tenkasi	FDP on Teaching using ICT-Tools
21st May 2020	Colombo Plan Staff College	Webinar on Entrepreneurship in TVET
22nd May 2020	V.O.Chidambaram College, Thoothukudi	Webinar - An insight into NAAC-RAF
22nd May 2020	The American College, Madurai	Webinar - American College Chemistry Webinar Series-II
23rd May 2020	V.O.Chidambaram College, Thoothukudi	Webinar in Application of Molecular Markers in Plant Systematics
23rd May 2020	St. Mary's College (Autonomous), Thoothukudi & Annamalai College of Education for Women, Thoothukudi	Webinar on Teacher Resilience: The Blueprint for Efficiency during Uncertainty
24th to 26th May-2020	Alagappa University, Karaikudi	Webinar series on Ecosystem Services and Management

27th to 29th May-2020	Jayaraj Annupackiam College for Women (Autonomous), Periyakulam	International Webinar On Brief Perspectives of Nanotechnology-Biosynthesis and Bio-application of Nanoparticles
26-28th May 2020	UGC- HRDC, UOH	Three Day Online Workshop on Online Course Design, Development and Delivery
28 <sup>th</sup> & 29 <sup>th</sup> May 2020	Godavari Institute of Engineering and Technology , Rajamahendravaram, A.P.	FDP - Capacity Building Program for Teachers during and post COVID-19
22-29 <sup>th</sup> June 2020	Bharat Institute of Engineering and Technology, Hyderabad	One Week International FDP - Research Strategies and Promotion of Teaching Learning Process
29 <sup>th</sup> May 2020	Lyallpur Khalsa College, Jalandhar	International Webinar - Recent advances in Understanding Eukaryotic protein synthesis using various Interdisciplinary approaches
26 <sup>th</sup> May 2020	V.O.Chidambaram College, Thoothukudi	Webinar - Influence of Climate Change on Biodiversity Resources
25 <sup>th</sup> - 31 <sup>st</sup> May 2020	Nallamuthu Gounder Mahalingam College, Pollachi	FDP - 7 days - International FDP on Biological Sciences
30 <sup>th</sup> May 2020	Kandaswami Kandar's College, Velur	International Webinar - Perspective view on COVID-19
29 <sup>th</sup> - 30 <sup>th</sup> May 2020	DR.MGR Educational & Research Institute, Chennai	FDP- 2 days - Virtual Teaching- Learning Moodle the efficient way
23rd May 2020	Annai College Arts & Science, Trichy	International Webinar - Synthesis of Biologically Active compounds based on Nitrogen Heterosystem
22 <sup>nd</sup> - 23 <sup>rd</sup> May 2020	Annamalai University, Chidambaram	Webinar - Marine Diversity and Conservation
1 <sup>st</sup> June 2020	Colombo Plan Staff College	Webinar - Developing Green Skills to produce Skilled workers for Sustainable Development
4 <sup>th</sup> - 6 <sup>th</sup> June 2020	DR.MGR Educational & Research Institute, Chennai	National Webinar - 3 days - The Gateway of Learning Techniques
4 <sup>th</sup> - 5 <sup>th</sup> June 2020	Tamilnadu Open University, Chennai	National Level FDP - Open Educational Resources
5 <sup>th</sup> June 2020	International Youth Society - Tuticorin Chapter	Online course - Time for Nature
6 <sup>th</sup> Jun 2020	Sacred Heart College, Tirupattur	Webinar on Chemoinformatics
2 <sup>nd</sup> - 6 <sup>th</sup> June 2020	Universal Teachers Academy, Puducherry	5 Day workshop for Teachers - Interactive & Creation of E-content etc.,
8 <sup>th</sup> - 14 <sup>th</sup> June 2020	Ramanujan College, University of Delhi	FDP - One Week - Open Source Tools for Research
8 <sup>th</sup> - 12 <sup>th</sup> June 2020	IGNOU, New Delhi	FDP - 5 days - Energy Conservation and Renewable Energy
8 <sup>th</sup> - 11 <sup>th</sup> June 2020	Sree Ayyappa College for Women, Kanyakumari Dist	National Webinar - Resurgence of the Society in the post COVID-19 scenario

15 <sup>th</sup> - 17 <sup>th</sup> June 2020	V.O.Chidambaram College, Thoothukudi	FDP- Research Capacity Building
12 <sup>th</sup> - 13 <sup>th</sup> June 2020	Loyola College, Chennai	National Webinar - Research Methodology
13 <sup>th</sup> - 14 <sup>th</sup> June 2020	Chebrolu Hanumaiah Institute of of Pharmaceutical Science, Guntur	Webinar - Specialised knowledge on Parenterals and Pharma Industry Perspectives
17 <sup>th</sup> June 2020	Department of Education and Education Technology, School of Social Sciences, University of Hyderabad	One Day Workshop on Online Teaching with MOODLE
18 <sup>th</sup> - 19 <sup>th</sup> June 2020	University College for Women, Hyderabad	National webinar - 2 days - Tools to manage health and boost immune system during COVID-19 crisis
18 <sup>th</sup> June 2020	Sathyabama Institute of Science and Technology, Chennai	Webinar -Transactional Analysis for Effective Teaching
20 <sup>th</sup> June 2020	Dayananda Sagar University, Bengaluru	International webinar - COVID-19 -Reinventing Sustainable Agriculture to achieve food Security
22 <sup>nd</sup> June 2020	Annaalai University	Webinar - Basic Author workshop Research article writing & Reference Management using mendley
24 <sup>th</sup> June 2020	KLE Society's Science and Commerce College, Navi Mumbai	National Webinar - Research Initiatives at Graduate and Post Graduate Level
28 <sup>th</sup> June 2020	SMT. Kasturbai Walchand College, Sangli	National Webinar - Recent advances in Bioscience
30 <sup>th</sup> June 2020	Chaitanaya, Warangal, Telangana	International webinar - Emerging Trends in Genetic Engineering
4 <sup>th</sup> July 2020	Adams University, West Bengal	Webinar Perovskite Nanocrystals: Photoluminescence and Charge Carrier Dynamics
1 <sup>st</sup> July 2020	Guru Nanak College, Chennai	Webinar - Monsters on Me
2 <sup>nd</sup> July 2020	Idhaya College for Women, Kumakonam	National webinar - Recent trends in Medical Microbiology
2 <sup>nd</sup> to 17 <sup>th</sup> July 2020	Teaching Learning Centre, Ramanujan College, University of Delhi	FDP- Advanced concepts for developing MOOCS
3 <sup>rd</sup> – 9 <sup>th</sup> August 2020	Karpagam Academy of Higher Education, Coimbatore	National level faculty development programme – Innovation in Biotechnology as life saving perspectives
18 <sup>th</sup> to 24 <sup>th</sup> February 2021	Teaching Learning Centre, Ramanujan College, University of Delhi	FDP – Academic Writing
19 <sup>th</sup> April 2021	GH Raisonni University	International webinar – Liver Health on occasion of World Liver Day
19 <sup>th</sup> to 21 <sup>st</sup> April 2021	Chettinad College of Engineering & Technology	International eWorkshop on Science and Technology of emerging materials (Estem-21)

26 <sup>th</sup> April to 1 <sup>st</sup> May 2021	Amar Sewa Mandal's Kamla Nehru Mahavidyalaya, Nagpur	National level FDP – Research Methodology
10 <sup>th</sup> May to 15 <sup>th</sup> May 2021	Swarnandhra College of Engineering & Technology (Autonomous), Kakinada	Online short term training programme – Emerging trends in nanomaterials for electronic and optoelectronic devices
14 <sup>th</sup> & 15 <sup>th</sup> May 2021	KAIST, Daejeon, South Korea & Vellore Institute of Technology, Chennai	Virtual conference – Development of Advanced Materials for Future Technologies
19 <sup>th</sup> May 2021	St. Mary's College (Autonomous), Thoothukudi	Webinar – Covid 19 variants – Health and Safety
24 <sup>th</sup> May to 6 <sup>th</sup> June 2021	Academy of Maritime Education and Training	Online FDP – Pedagogy and Research Methods
9 <sup>th</sup> June 2021	Nehru Arts and Science College (Autonomous), Coimbatore	International Webinar – Biomedical Applications in Nanomedicines
29 <sup>th</sup> – 30 <sup>th</sup> June 2021	Nabira Mahavidyalaya, Katol and ACT, TIFR Mumbai	International E-conference – Recent advances in chemical, physical and biological sciences
29 <sup>th</sup> & 30 <sup>th</sup> July 2021	Annamalai University, Parangipettai	Webinar – Coastal & Marine Biodiversity Conservation
10 <sup>th</sup> August 2021	M.L.S. University, Rajasthan	National Webinar – Role of Technology in Higher Education

### Orientation/ Induction Programme

Date	Name of the Institution	Title
4 <sup>th</sup> June to 1 <sup>st</sup> July 2020	Teaching Learning Centre, Ramanujan College, University of Delhi	4 week Induction/orientation programme for “ Faculty in Colleges of Higher Education
14 <sup>th</sup> September to 13 <sup>th</sup> October 2021	Human Resource Development Centre, Madurai Kamaraj University, Madurai	Online Fifth Faculty Induction Programme

### As Resource Person

Name of the Institution	Invited As	Topic/Event	Date
St. Mary's College (Autonomous) Thoothukudi	Resource person	The world of plants. Inservice training to the secondary grade science teachers of government schools in Thoothukudi district.	28.08.2017 – 01.09.2017

### Books:

Reviewer of the Book titled “Prologue to Nanoscience and Nano technology and their relevances with applications” ISBN 978-1-79481-610-7.

Environmental and Microbial Biotechnology, Chapter 5, “Extraction of Silver Nanoparticles (Ag-NPs) by green synthesis from aqueous extract of seaweeds and their consequences on HeLa cell line and their utility on soil by spectroscopic tools” ISBN 978-981-15-9916-3.

### **Websites:**

#### **Google Site**

<https://sites.google.com/view/drgflora/home?authuser=2>

#### **YouTube Link**

[https://www.youtube.com/watch?v=pyESUR7kW\\_4&t=40s](https://www.youtube.com/watch?v=pyESUR7kW_4&t=40s)

<https://www.youtube.com/watch?v=Y0d8b2Gollc&t=63s>

<https://youtu.be/jJgob6JgK6M>

#### **GenBank Submission Links**

[www.ncbi.nlm.nih.gov/nuccore/MF574272](http://www.ncbi.nlm.nih.gov/nuccore/MF574272)

<https://www.ncbi.nlm.nih.gov/nuccore/MG132203>

<https://www.ncbi.nlm.nih.gov/nuccore/MG132202>

#### **Coursera Courses Completed**

- Industrial Biotechnology
- Introduction to Algae
- Drug Discovery
- Understanding Plants- Part 1- what a Plant knows
- Herbal Medicine
- Antimicrobial resistance – theory and methods
- Nanotechnology: A makers Course
- Integrative health and medicine
- Applied Environmental Microbiology
- Biomedical Nanotechnology
- Cell Biology
- Forests and their Management
- Legal and Regulatory Issues in Biotechnology

#### **Others:**

- Public relation Officer of St. Mary’s College (2011-2017)
- Member in Marian Research Form (2013-2016)
- Editorial Board member in Journal of Review of Plant Studies in Pak Publishing Group since 2013
- Editorial Board member in A R Research Publication & Conference world 2013
- *Staphylococcus arlettae* Strain GFB 16S ribosomal RNA gene, partial sequence Natl Centre for Biotech Inf NCBI/GenBank, USA / Nucleotide sequence SUB2904350 seq1 MF574272

- *Aspergillus* 16S ribosomal RNA gene, partial sequence Natl Centre for Biotech Inf NCBI/GenBank, USA / Nucleotide sequence SUB3118601seq1 MG132203
- *Aspergillus* 16S ribosomal RNA gene, partial sequence Natl Centre for Biotech Inf NCBI/GenBank, USA / Nucleotide sequence SUB3118605 seq1 MG132202
- Member in Association of Global Academicians and Researchers (AGAR), Tamil Nadu, India from 26<sup>th</sup> July 2021.
- **Guideship:** MSU/RES/INT/GUIDESHIP/R5/2017
- **Doctoral Committee Member** for Part time Ph.D. scholar Mrs. M. Shantha, Department of Botany, St. Mary's College (Autonomous), Thoothukudi.
- **Supervisor** for Full time Ph.D. research scholar Ms. G. Mary Stephy (Registration No. 21112212262010), Department of Botany, St. Mary's College (Autonomous), Thoothukudi.
- **Doctoral Committee Member** for Full time Ph.D. scholar Ms. J. Rathinam, Department of Botany, St. Mary's College (Autonomous), Thoothukudi.
- **Doctoral Committee Member** for Full time scholar Ms. J.N. Monisha, Department of Botany, St. Mary's College (Autonomous), Thoothukudi.

### **Projects**

- Project sanctioned for the topic entitled "Isolation and screening of Azo dye decolorizing fungal isolates from petroleum contaminated soil in Thoothukudi Coast" from Shreeman Diagno Plast India Pvt Ltd, Hyderabad– Completed (2017-18).
- Project sanctioned for the topic entitled "Isolation and screening of Azo dye decolorizing fungal isolates from Shrimp shell contaminated soil in Thoothukudi Coast" from Sasi innovations, Gandhi Nagar, Tirupur, Tamil Nadu– Completed (2017-18).
- Project sanctioned for the topic entitled "Bio-degradation of Micro Plastics by bacteria isolated from Thoothukudi coast" from Biotec Bags India Pvt Ltd, Guindy, Chennai – 600 032- Completed(2018-19)
- Project sanctioned for the topic entitled "Discover the Micro and Nano-plastics degrading Enzyme coding Gene from the selected Microbes of Plastic polluted Area" from Tamil Nadu State Council for Science and Technology, DOTE Campus, Chennai-600025 under Student Project Scheme 2021-2022. Code: BS-942 (Ongoing).