

Name	Dr. Joys Selva Mary Albert
Qualification	M.Sc., M.Phil., Ph.D.
Designation	Assistant Professor, Dept. of Microbiology
Year of Joining	01.07.2010
Specialization	Pharmaceutical Microbiology
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Seminars/Workshops/FDP/Conferences/Webinar

Date	Paper Presented/ Participated	Title of the Paper	Organized By	Workshop/ Seminar/ FDP	Type
20.08.2024	Participated	-	Marian Research Forum & Marian Star Centre, St. Mary's College (Autonomous) Thoothukudi	Workshop	State
11.12.2023 to 13.12.2023	Participated	Sixth international conference and workshop multidisciplinary approach on conservation of nature and Ayush medicine for your future CNRTSPA - 2023	William Research Centre, Nagercoil. India.	Conference and workshop	International
17.03.2023 to 18.03.2023	Participated	-	P.G and Research Department of Zoology, Department of Botany" St. Mary's College (Autonomous) Thoothukudi	Conference	National
29.07.2022	Participated	-	National Intellectual Property Awareness Mission, Intellectual Property Office, India	IP Awareness/ Training program	National
04.07.2022 to 10.07.2022	Participated	-	SRM Institute of Science and Technology, Ramapuram Campus, Chennai	One week FDP on Research prospects and progress in biological science (RPPB-2022)	-

30.03.2022	Participated & Presented	Phytochemical and Antimicrobial activity of Palmyra Palm (<i>Borassus flabellifer</i>)	PG & Research Department of Botany, V.O.Chidambaram College, Thoothukudi	"Advances in Biological science"	National
21.02.2022 to 25.02.2022	Participated	-	Marian Star Center" Department of Botany" St. Mary's College (Autonomous) Thoothukudi	"Intellectual rights"	Local
10.01.2022	Participated	-	Library Committee, St.Mary's College (Autonomous) Thoothukudi	"Hands on Tutorial on Library without walls: E – Resources through NLIST"	Local
12.12 .2021	Participated	-	Research graduate	"How to write research proposal"	National
13.12.2021 to 15.12 .2021	Participated & Presented	Antidiabetic Effect of probiotic curd- A novel approach	William Research Centre, Seethalakshmi Aachi College for Women and St. Mary's College(Autonomous)	"Multi disciplinary Approach on Conservation of Nature for your future & Pre - Siddha Day Celebration"	International
17.12 .2021	Participated	-	Marian Research Forum and Mathematics Research forum, St. Mary's College (Autonomous) Thoothukudi	"Quality Research Proposal and Publications"	Local
22.07.2021	Participated	Systematic Research Methodology – A transformative Tool For Scientific Research"	Marian Research Forum, St.Mary's College (Autonomous), Thoothukudi	International Webinar On "Systematic Research Methodology- A Transformative Tool For Scientific Research"	International
11.06.2021	Participated	-	PG And Research Department Of Microbiology, Sadakathullah Appa College (Autonomous), Tirunelveli	International Webinar On "Transmission, Pathogenesis Of SARS-COV2 & Its Host Immune Response"	International

11.06.2021	Participated	“Impact On Climatic Changes In The Marine Ecosystem”	Department Of Microbiology, K.R.College Of Arts & Science ,Kovilpatti	State Level Webinar On“Impact On Climatic Changes In The Marine Ecosystem”	State
09.06.2021	Participated	“Biofloc-Copeloc: An Innovative Way Of Aquaculture ”.	Department of Microbiology, K.R college of Arts & Science Kovilpatti, Tamilnadu, India.	National Level webinar on“Biofloc-Copeloc: An Innovative Way Of Aquaculture”.	National
08.06.2021	Participated.	“3 Keys to Thrive Healthy Life During Pandemic”.	Department of Microbiology St. Mary's College (Autonomous), Thoothukudi, TamilNadu.	National level webinar on 3 keys to Thrive healthy life during pandemic.	National
04.06.2021	Participated.	“Present scenario and career Perspectives in aqua culture”.	Department of Zoology, St.Mary'scollege (Autonomous), Thoothukudi.	National Level Webinar on “Present scenario And career perspectives In aquaculture”.	National
26.05.2021 To 31.05.2021	Participated	“Short Term Course On Graphics Design For Teachers”.	Marian Star Center, St.Mary’s College (Autonomous), Thoothukudi.	National Level“Short Term Course On Graphics Design For Teachers	National
12.02.2021	Participated	-	Department of Library, St.Mary’s College (Autonomous), Thoothukudi	National webinar On Academic visibility In The digital world	National
	Participated	-	Student Welfare Department And Department of IQAC	COVID-19 Awareness Programme	-
26.06.2020.	Participated	-	PG and Research Department of Zoology, St.Mary’s College (Autonomous), Thoothukudi	International Webinar On“A Path to Wellness: Diabetes And Me”	International
17.06.2020	Participated	-	Internal Quality Assurance Cell (IQAC), Don Bosco College Of Arts and Science, Keela Eral, Thoothukudi	Webinar On Research Proposal writing	-

15.06.2020	Participated	-	PG and Research Centre In Economics, Pope's College (Autonomous), Sawyerpuram	Webinar on "Economic Impact Due To COVID-19 Pandemic"	-
14.06.2020	Participated	-	Red Ribbon Club, Kamaraj College, Thoothukudi	"World Blood Donor Day (Donate Blood and make world a Healthier place)"	-
10.06.2020 to 12.06.2020	Participated	-	Department of Environmental Science Alwarkurchi, Tenkasi	E-Quiz on World Environment Day 2020	-
10.06.2020	Participated	-	Department Of Library, St.Mary's College (Autonomous) Thoothukudi	National Level Online Quiz	National
09.06.2020	Participated	-	Research Department of Biotechnology, Annai Velankanni College, Tholayavattam	Webinar on Philosophy of Science behind Biotechnology	-
05.06.2020	Participated	-	PG And Research Department Of Zoology, St.Mary's College (Autonomous), Thoothukudi	Webinar on COVID19-A Herculean Challenge To Human Immunology	-
30.05.2020.	Participated	-	Internal Quality Assurance Cell and the Career Guidance and Placement Cell, St.Mary's College (Autonomous), Thoothukudi	Webinar on "Young Professionals: Plotting A Career Path.. Post Pandemic.	-
29.05.2020	Participated	-	Department of Visual Communication (SSC), St. Mary's College (Autonomous), Thoothukudi	Webinar on An overview of E- content Development	-
27.05.2020	Participated	-	Research Department of Microbiology Sadakathullah Appa college, Tirunelveli.	Webinar on "Application of statistics research"	-

26.05.2020	Participated	-	Department of Chemistry, St.Mary's College (Autonomous), Thoothukudi	A One Day Online Faculty Development Programme on "Chemistry Of Covid-19-Threat to Global Public Health"	-
23.05.2020	Participated	-	St.Mary's College (Autonomous), Thoothukudi And Annammal College of Education for Women, Thoothukudi	Webinar on Teacher Resilience: The Blue print for Efficiency during Uncertainty	-
22.05.2020	Participated	-	Internal Quality Assurance Cell, V.O.Chidambaram College, Thoothukudi	Webinar on An Insight Into NAAC-RAF	-
22.05.2020	Participated	-	Department of Botany, Kamaraj College, Thoothukudi	"International Biodiversity Day" Quiz	International
20.05.2020	Participated	-	Department of Mathematics, V.O.Chidambaram College, Thoothukudi	Mind Your Mind During Lock down – To Counter Stress	-
20.05.2020	Participated	-	Department of Zoology, Sathakathullah Appa, College, Tirunelveli	State level Webinar on Novel Insight On Rapid Diagnostic Methods And Drug Discovery for COVID19	State
19.05.2020 to 22.05.2020	Participated	-	School of Basic and Applied Science Shri Guru Ram Rai University, Dehradun	Webinar on Challenges And Opportunities on Biological Research	National
11.05.2020	Participated	-	Department of Psychology, St.Mary's College (Autonomous), Thoothukudi	Webinar on Psychological First-Aid	-

6.03.2020 & 7.03.2020	Participated	-	Department of Biotechnology, Parthyusha Engineering College,Thiruvallur	International Conference of Biotechnology and Bioengineering Health care system	International
2.01.2020 to 4.01.2020	Participated	-	Bio-zone Institute of Life Sciences, Ministry of Science and Technology, Government of India, New Delhi	Faculty Development Training, Natural Product Research	-
20.09.2019	Presented	An approach on the formulation and evaluation of the tooth- paste From <i>Cassifistula</i> and <i>Acacia</i> <i>nilotica</i>	Department Of Microbiology Kamaraj college, Thoothukudi	State level seminar on innovation in microbial diagnostics (IMD-2019)	State
21.08.2019	Presented	Comparative study on formulated herbal tooth paste against market tooth paste	PG and Research department of Microbiology, Sadakathullah Appa college, Tirunelveli	International conference on Entrepreneurship in Microbiology	International
18.07.2019 To 20.07.2019	Participated	-	Department of Botany, St.Mary's College (Autonomous), Thoothukudi	Faculty development Program on "Biostatistics and Bioinformatics"	-
25.09.2018	Presented	Assessment of insecticidal activity of selected sea grasses <i>Cymodocea</i> <i>rotundata</i> and <i>Syringodium</i> <i>isoetifolium</i> against rice and wheat pest	Research Department of Microbiology, V.H.N.S.N College (Autonomous), Virudhunagar	National Seminar on Miracel Microbes (NSMM-2018)	National

19.09.2018	Presented	Anti-lice activity of selected sea grasses against human parasites	Department of Microbiology, Sadakathullah Appa college, Tirunelveli	National Seminar on biopolymers	National
12.09.2018	Presented	Nanoparticles in food packaging	Department Of Microbiology Kamaraj college, Thoothukudi	National Conference Innovative Trends in Life Sciences	National
02.2018	Presented	Chitin and chitosan isolation and antioxidant activity from shrimp shell waste	Department of Microbiology, Sadakathullah Appa college, Tirunelveli	International seminar on awareness on epidemic disease	International
19.12.2017	Participated	-	Research Forum & Department of Library St.Mary's College (Autonomous), Thoothukudi	National Seminar on Academic and Research in integrity in the digital world	National
12.09.2017	Participated	-	Research centre for Plant Science, Department of Botany, St.Mary's College (Autonomous), Thoothukudi	International seminar on global climate change Current trends and Management	International
21.08.2017 & 22.08.2017	Participated	-	PG Department Of Zoology Kamaraj college, Thoothukudi	Application of nanoparticles in medicine (ANM-17)	National
6.04.2017	Organized & Participated	-	National Corrosion Council of India Karaikudi. CSIR-CECRI Karaikudi St.Mary's College (Autonomous), Thoothukudi	Corrosion awareness day (CAD-2017)	State
23.02.2017	Participated	-	Scott Christian College (Autonomous), Nagercoil	State level seminar on Bioelixer	State

27.01.2017 & 28.01.2017	Participated	-	IQAC St.Mary's College (Autonomous), Thoothukudi	National conference on Cosmetic concept an interdisciplinary dialogue applied ethics	National
25.02.2016 & 26.02.2016	Participated	-	Department of Biology, Gandhigram Rural Institute, Deemed University, Gandhigram Dindigul	National Conference on Advances in Biological & Environmental Science	National
20.02.2016	Participated	-	Marian Research Forum St.Mary's College (Autonomous), Thoothukudi	National seminar on Multidisciplina ry Research	National
7.01.2016 & 8.01.2016	Participated	-	IQAC St.Mary's College (Autonomous), Thoothukudi	National Seminar On Quality Enhancement In Higher Education: Teaching, Learning And Evaluation	National
13.03.2015	Participated	-	Department of Botany, St. Mary's College (Autonomous), Thoothukudi	National Seminar On Bioprospectin , Conversation Sustainable Use Of Marian Resource	National
6.02.2015	Participated	-	Holy Cross Home Science College Thoothukudi	International Seminar On Smart Diet For Cardiac Health Cardiac Care	International
05.12.2014 & 6.12.2014	Participated	-	Department of English St.Mary's College (Autonomous), Thoothukudi,	Technology Integrated teaching- TIT- 2014	State
20.09.2014	Participated	-	Department of Library St.Mary's College (Autonomous), Thoothukudi	Seminar on library without walls (Electronic resource)	State

02.2014	Participated	-	IQAC St.Mary's College (Autonomous), Thoothukudi	National Seminar On Institutional Quality Improvement	National
01.2014	Participated	-	Department of Botany, St.Mary's College (Autonomous), Thoothukudi	State Level Seminar On Herbal Research Methodology	State
08.02.2014	Presented	Assessment of Cymodocea rotundato and Syringodium isoetifolium against Sitophilus oryzae and Sitophilus zeamais	Department of Biochemistry, Rev. Jacob Memorial Christian College, Ambilikkai, Dindigul	Global Opportunities For Recent Development In Science And Technology	National
06.01.2014 & 07.01.2014	Presented	Anti lice activity of selected sea grasses	Centre for biodiversity and Forest studies Periyar University Salem	Current Trends in Biodiversity Conservation and Forest Management	National level

Paper Publication

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
Studies on the antimicrobial and pharmacological properties of scarica papaya extracts and for developing novel herbal oinmrnt against wound pathogens	Jefina agnas.K , Jesoliya.J , Joys Selva Mary Albert	Sixth international conference and workshop multidisciplinary approach on conservation of nature and Ayush medicine for your future CNRTSPA - 2023	December 2023	-	-	62

<p>A study on pharmacological activities on acetonic extract of <i>Musa acuminata</i> leaves</p>	<p>Mohammed Sameera, , Joys Selva Mary Albert</p>	<p>Sixth international conference and workshop multidisciplinary approach on conservation of nature and Ayush medicine for your future CNRTSPA - 2023</p>	<p>December 2023</p>	<p>-</p>	<p>-</p>	<p>62</p>
<p>Phytochemical screening and phytochemical activity of three sea weeds collected from kelakarai coast , tamilnadu</p>	<p>Joyce.A, Joys Selva Mary Albert</p>	<p>Sixth international conference and workshop multidisciplinary approach on conservation of nature and Ayush medicine for your future CNRTSPA - 2023</p>	<p>December 2023</p>	<p>-</p>	<p>-</p>	<p>77</p>
<p>A review on phytochemical activities on vitex negundolinn</p>	<p>C. Brinda, Joys Selva Mary Albert</p>	<p>Sixth international conference and workshop multidisciplinary approach on conservation of nature and Ayush medicine for your future CNRTSPA - 2023</p>	<p>December 2023</p>	<p>-</p>	<p>-</p>	<p>82</p>
<p>Analysis of anti-inflammatory and wound healing potential of <i>Momordica cymbalaria</i> extracts</p>	<p>Affrin Nisha. K and Joys Selva Mary Albert</p>	<p>International Journal of Current Science ISSN: 2250-1770</p>	<p>May 2022</p>	<p>12</p>	<p>2</p>	<p>508- 515</p>

Anti ulcer activity of <i>Borassus flabellifer</i> 's leaves and roots	Joys Selva Mary Albert, Sherina.J, Sudha Devika.J, Susmitha.S, Vidhya.S, Vijaya lakshmi.P, Vishnu Priya.R	International Journal of Current Science ISSN: 2250-1770	May 2022	12	2	540- 544
Phytochemical and Antimicrobial activity of Palmyra Palm (<i>Borassus flabellifer</i>) leaf and root	Joys Selva Mary Albert, Sherina J, & Vijaya Lakshmi P	National Conference on Advances in Biological Sciences (ABS-2022)	March 2022	-	-	25
An approach on the formulation and evaluation of herbal toothpaste from <i>Cassia fistula</i> and <i>Acacianilotica</i>	Priyadharshini R. and Joys Selva Mary Albert	State Level Seminar On Innovation In Microbial Diagnostics (IMD-2019)	September 2019	-	-	172-181
Phyto chemical analysis and antioxidant activity of <i>Nelumbo nucifera</i> extract in solvent	S.Kalyani and Joys Selva Mary Albert	International Conference on Entrepreneurship in Microbiology	August 2019	-	-	161-167
Phytochemical analysis and antioxidant activity of <i>Agaricusbiosporus</i> mushroom extracting different solvent	A.K.Lavanya .and Joys Selva Mary Albert	International Conference on Entrepreneurship in Microbiology	August 2019	-	-	146-153

Comparative study on formulated herbal toothpaste against marketed toothpaste.	Priyadharshini R. and Joys Selva Mary Albert	International Conference on Entrepreneurship in Microbiology	August 2019	-	-	133-145
Phytochemical analysis and antimicrobial activity of <i>Prosopis juliflora</i>	A.Princy Sujitha And Joys Selva Mary Albert	International Conference on Entrepreneurship in Microbiology	August 2019	-	-	59-66
Phytochemical analysis of <i>Cantharanthus rosesus</i> flower extract in Different solvent.	Thanga Revathi M and Joys Selva Mary Albert	International Journal Of Advanced Scientific Research And Management	Nov. 2018,	Vol.3	Issue 11	32-38
Insecticidal Activity of selected seagrasses	Joys Selva Mary Albert and Isha. J.Silva	National Seminar on biopolymers	September 2018	-	-	220-228
Nanoparticles in Food packaging	Joys Selva Mary Albert and S.Krystal Sherina	National Seminar on biopolymers	September 2018	-	-	237-240

Antidiaetic activity of <i>Catharanthus roseus</i> flower Extracton alloxan Induced rats	Thanga Revathi M and Joys Selva Mary Albert	National seminar on biopolymers	September 2018	-	-	283-289
Anti-lice activity Of selected sea Grasses against Human parasite-lice	Joys Selva Mary Albert And A.Princy Sujitha	National Seminar on biopolymers	September 2018	-	-	261-265
Phytochemical analysis of <i>Cantharanthus roseus</i> flower extract in different solvent.	Thanga Revathi M and Joys Selva Mary Albert	International journal of advanced scientific Research and Management	November 2018	Vol.3	Issse 11	32-38
Phytochemical Analysis of <i>Prosopsis juliflora</i> Leaves and Seed Pods to evaluate Antibacterial Activity:	Deekahitha.Y, Joys Selva Mary Albert	International Seminar on Awareness on Epidemic Diseases	February 2018	-	-	-
Antibacterial Activity of selected Sea Grasses Against human Pathogenic Bacteria.	Shiny Nirmala.T, Joys Selva Mary Albert	International Seminar on Awareness on Epidemic Diseases	February 2018	-	-	-

Chitosan extraction Characterization With its Antioxidant Activity from shrimp waste.	Muthulakshmi.S. & Joys Selva Mary Albert	Marian Quest	Dec.2017	-	-	-
A study on antimicrobial and insecticidal activity of <i>Nerium oleander</i>	Joys Selva Mary Albert & Krishna Veni	Marian Quest (special issue)	December 2017	-	-	-
Assessment and screening of pyto- chemical components of the seagrasses <i>Cymodocea</i> <i>rotundata</i> and <i>Syringodium</i> <i>isoetifolium</i> And its antibiotic potential	Joys Selva Mary Albert, Gayathri.K & Sornaraj.R	International Journal of Institutional Pharmacy and Life sciences	September- October 2015	-	-	-
Evaluation of insecticidal activity of the selected seagrasses <i>Cymodocea</i> <i>rot undata</i> and <i>Syringo dium</i> <i>isoetifolium</i> against <i>Sitophilus</i> <i>oryzae</i> and <i>Sitophilus</i> <i>zeamais</i> ,	Joys Selva Mary Albert & Sornaraj.R	International Journal of Herbo Medical	July 2015	-	-	-
Antimicrobial activity of selected sea grasses against human pathogenic bacteria And fungi.	Joys Selva Mary Albert & Sornaraj.R	Marian Quest	Feb 2015	-	-	-

Books Published

Date	Book Title	Author(s)	ISBN Code	Editions	Publisher
09/2023	Fundamentals of Microbiology and Microbial diversity	Dr.Joys Selva Mary Albert	ISBN; 978-81-963468-8-1	-	Matjeni Publishers, Sivakasi.
2022	Recent trends in bioresource management for greener environment Chapter 4 Earthworms and vermicomposting; Nature's offering of organic waste Valorization	Dr.Joys Selva Mary Albert	DOI:https://doi.org/10.20546/EP/B-02-XX	-	Excellent Publishers
03.2021	Climate change Issues, Challenges and Control measures	Dr.Joys Selva Mary Albert	ISBN: 978-81-947114-9-0	-	Multi spectrum Publications
15.07.2020	Environmental Sciences	Dr. Joys Selva Mary Albert	ISBN:978-81-942052-6-5	-	V.H.N.Senthikumara Nadar College, Virudhunagar.

As Resource Person

Date	Name of the Institution	Invited As	Topic/Event
29.01.2024	Department of Microbiology, Kamaraj Women's college, Thoothukudi	Resource person	Role of Microbiologist in sea food industries.
11.04.2022	PG and Research Department of Economics, Kamaraj, College, Thoothukudi	Resource person	Applied Health Care Economics
22.03.2021	V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar	Resource person	Quality Assurance and Standards in Food Industries
18.02.2021	Kamaraj College, Thoothukudi	Resource person	The future in Our hands
27.01.2020	PG and Research Department of Microbiology Sadakathullah Appa College (Autonomous), Tirunelveli	Guest Lecture	Opportunities of Microbiologist in Industries

Awards:

Award	Date	Sponsored by
Best Faculty in Microbiology	13.12.2023	William Research Centre, Nagercoil. India.
World Techer Award 2021	05.10.2021	Educational and Psychological Research Centre, Madurai, Tamilnadu, India &UK

PATENT:

Name of the staff	Department	Applied for	Title of the patent
Dr. Joys Selva Mary Albert	Microbiology	Polymer Technology	A method of preparation of Titanium coated graphite-carbon nanotube(CNT) Acrylonitrile butadiene styrene(ABS) nano composite for dye removal .

Others:

Year	Roles/activities/positions held in college
2024 onwards	One of the member in Research advisory committee
2017-2018	One of the member in college Magazine
2017-2018	One of the incharge in Health and Hygiene
2016-2017	One of the member in Career guidance and placement committee
2015-2016	One of the incharge in Quiz club
2014-2015	One of the member in Language development programme
2012-2015	Incharge in certificate course
From 2012-2024	One of the member in Awards committee
From 2012-2024	One of the member in Academic Council
From 2012-2024	As a chair person in valuation for the Microbiology department.
From 2012-2024	SSC Coordinator for Microbiology department
2011-2012	One of the member in Marian Quest Journal Editorial board
2011-2012	One of the member in Research advisory committee