

Dr. N. YOGANANTH, M.Sc., M.Phil., Ph.D.,
 LG1, Hansa Garden,
 Rajakilpakkam, Chennai – 73,
 Tamil Nadu, India
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Educational qualifications

S. No	Degree	Discipline	College/University	Title of the thesis	Year
1	Ph.D.,	Microbiology	JJ College of Arts and Science/ Bharathidasan	<i>In vivo</i> and <i>in vitro</i> culture studies on kaempferol production, pharmacological and antimicrobial activities of <i>Dregea volubilis</i> Benth	March, 2011
2	M.Phil,	Marine Biology	CAS in Marine Biology/ Annamalai University	Dye degrading mycoflora from industrial effluents	Aug, 2006
3	M.Sc.,	Applied Microbiology	Sengunthar Arts and Science College/ Periyar University	Effective Biosurfactants production by <i>Pseudomonas aeruginosa</i> and its test efficacy	April, 2004
4	B.Sc.,	Microbiology	JJ College of Arts and Science		April, 2002

Research Experience

S.No	Position	Project	University	Duration
1	Junior Technical Assistant	Sethu Samudram Ship Channel Project - Environmental Impact Monitoring Programme	Field laboratory by CAS in Marine Biology, Annamalai University	October 2005 – December 2006
2	Research Scholar	Ph.D.,	JJ College of Arts and Science	April 2007 – March 2011

Work Experience

S.No	Position	Department	College/ Company	Year
1	Assistant Professor	PG & Research Dept of Biotechnology	Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai	March 2012 to till
2	Lecturer	Pathology	Ragavendra Medical Institute of Electropathy, Erode	September, 2009 to January, 2012
3	Quality controller	Microbiology lab	Sri Lakshmi Aquafarms, Sriperumbathur, Thiruvallur.	May2004 - March2005

Approval of Guideship

S. No	Guideship	Approval No	University	Awarded	Pursuing
1	Ph.D., Microbiology	MIBGU-3406	Bharathiar University (Part time)	03	02
2	Ph.D., Microbiology	D2/Ph.DGuide/Recogn /2019/238	Madras University (Full time/Part time)		04
3	Ph.D., Microbiology		Meenakshi Academy of Higher Education and Research, Chennai.	01 (Co Guide)	--

Awards received

S. No	Awards / Grant / Sponsorship	Authority	Year
1.	Best teacher award	Mohamed Sathak College of Arts and Science	Sep, 2023
2.	Best Researcher award	Mohamed Sathak College of Arts and Science	Sep, 2023
3.	Dr. Radhakrishnan Best Teacher Award	Pushkaram College of Agricultural Sciences, Pudukkottai	Nov, 2022
4.	M.S. Swaminathan Research Excellence Award	Pushkaram College of Agricultural Sciences, Pudukkottai	April, 2021

Patent/Rank / Grant / Sponsorship received

S. No	Grant	Name	Year
1.	Patent	Biotech Oil cleaner - Patent office, Govt of India	2023
2.	20133 th Rank - Indian Scientist	World Scientist and University Ranking 2023, AD Scientific Index Url: https://www.adscientificindex.com/scientist.php?id=544425	2023
3.	USD 100	LiveDNA for Poster presentation in Virtual ES Conference, Pakistan	2022
4.	USD 100	LiveDNA for Poster presentation in Virtual ACSTM Conference, Dubai	2021

Board of study/Academic Audit/Book proof reading/Passing board/Question paper Scrutinizer/

S. No	University/College	Board	Year
Board of study member			
1	University of Madras	Biotechnology	2022-2023
2	AMET University, Kanathur,	Marine biotechnology	2016-2018
Academic Audit member			
1	DGV College, Arumbakkam, Chennai	Biotechnology	2020-2021
Book proof reader – Language correction			
1	Tamil Nadu Open University	Zoology	2021- 2022 & 2022 - 2023
Passing board member			
1	Sri Sankara Arts and Science College, Kancheepuram	Biotechnology	From 2013
2	DG Vaisanav College, Arumbakkam, Chennai	Biotechnology	From 2016
Question paper scrutinizer			
1	Sri Sankara Arts and Science College, Kanchipuram	Biotechnology	From 2019
2	DG Vaisanav College, Arumbakkam, Chennai	Biotechnology	From 2016
Academic performance in the Institution			
1	Assistant HOD – Biotechnology Dept	MSCAS	2023
2	Convener – Scholarship cell	MSCAS	2022
3.	Member – R&D cell	MSCAS	2023
4.	Member – IQAC steering committee	MSCAS	2023
5	Member – Calendar committee	MSCAS	2019-2021
6	Member – Entrepreneur cell	MSCAS	2020
7	Member – Discipline committee	MSCAS	2015 - till

List of Publications

Google scholar ID : <https://scholar.google.co.in/citations?hl=en&user=6aiE6bAAAAAJ>
Orcid ID : <https://orcid.org/0000-0003-3160-9428>
Scopus Author ID : 23981811000
WoS Researcher ID : <https://publons.com/researcher/1804968/yogananth-nagarajan/>
Vidwan ID : <https://vidwan.inflibnet.ac.in/profile/294862>
ResearchGate ID : <https://www.researchgate.net/profile/Yogananth-Nagarajan>

Total publication		Total count
Books	Books	06
	Book chapter	09
Journal	Total publication	100
	Scopus	16
	Web of Science	13
	UGC	34
	Impact factor (Thompson Reuters)	35
	Citation (Google scholar)	640
	H index (Google scholar)	14
Proceedings (Full paper)	National	14
	International	03
Proceedings (Abstract)	National	26
	International	09

Books

S. No	Editors/Co Editor	Title	ISBN No	Publisher	Year
1	Aysha, Syed Ali, Anuradha and Yogananth and Rajan	UTRNT - 2023	978-93-94638-98-3	Darshan publisher	2023
2	Yogananth, Sheeba T. Sivakumar R. Bhakayaraj	Bio-entrepreneurship in Biosciences- Recent Approaches	978-93-93942-38-8	Darshan publisher	2022
3	N. Yogananth, R. Bhakayaraj K. Vanmathiselvi	Current prospective in bioscience research	978-81-952529-0-9	Tanuj International	2021
4	N. Yogananth	Recent trends in modern microbial technology	978-93-86739-42-1	Darshan publisher	2020
5	M. Syed Ali, V. Anuradha and N. Yogananth	Zebra fish - A model organism for regeneration studies	978-81-932645-3-9	Darshan	2016
6	Syed Ali, Nasreen Najeeb, Yogananth, Rajan, Kalidoss, Selvakumar & Durga Devi	Proceedings of National Conference on ETMIDPH-2016	978-81-931973-6-3	Darshan	2016

Book Chapter

S.No	Author	Title of the Chapter	Book / Page number	ISBN No	Year
1	Anuradha V., Syed Ali M., Ravikumar S., Yogananth N. and Lingayya Hiremath	Biomedical and Bioremediation Potential of Brown Algae of Coastal Areas of Tamilnadu	Green and Clean Technology: Innovations and Applications	978-81-959662-4-0	2023
2	N. Yogananth, M. Syed Ali, V. Anuradha, T. Sivakumar R. Bhakayaraj and Sheeba	An Introduction to Entrepreneurship with Special Ref. to Incubation centers and Funding agencies for startup business in India	Bioentrepreneurship in Biosciences - Recent Approaches. pp 1 - 27	978-93-93942-38-8	2022
3	Yogananth , Bhakayaraj, Syed Ali and Sivakumar	A review on the potential of marine microbes on bio-plastics production	Current prospective in bioscience research, 1-21	978-81-952529-0-9	2021
4	Yogananth , Sivakumar, Syed Ali & Anuradha	Bioconcrete -An alternate approach to existing concrete (pp 1 -21.)	Recent trends in modern microbial technology Recent trends in modern microbial technology	978-93-86739-42-1 978-93-86739-42-1	2020
5	R. Sumathi and N. Yogananth	Microbial surfactants - An overview (pp 147 -167)			
6	K. Devi Maliga, R. Selvi and N. Yogananth	Molecular analysis of human microbiome - A review (p168 -182).			
7	S. Savitha and N. Yogananth	Probiotics, a remedy for oral health - A review (pp 183 - 194)			
8	M. Syed Ali, Anuradha, Yogananth , Sathiya and Sirajudeen	Regenerative capacity of heart and liver of zebrafish using green synthesized of gold nanoparticle- <i>In vivo</i>	Zebra fish - A model organism for regeneration studies pp 1 - 44.	978-81-932645-3-9	2016
9	M.Syed Ali, S.Ravikumar, V.Anuradha and N. Yogananth	Safety and Bio-efficacy of mosquito control from Marine natural Plant	Safety and Bio-efficacy of mosquito control from Marine natural Plant	978-3-659-444470	2015

Organizing secretary/organizing committee member

S. No	Conference	Role	Year
1	2 nd International Conference on Unraveling Therapeutic Resources from Nature's Treasure	Organizing committee member	2023
2	Insights into modern therapeutic approaches to combat Human diseases		2023
3	International Conference on Unraveling Therapeutic Resources from Nature's Treasure		2022
4	India's 1st International Workshop on "Artificial Intelligence in Bioinformatics & Drug Discovery"	Co-organizer	2019
5	Rehabilitation and Ecological benefits of Mangrove Plantation Muttukadu backwater, Chennai	Organizing committee member	Feb 4-6, 2019,
6	Workshop on mushroom cultivation and biofertilizer production		28.8.2019
7	National Conference on Emerging Trends in Management of Infectious Diseases and Public Health-2016		2016
8	Global Issues: Gender Equality & Women's Empowerment"		1.9.2021.
9	National conference on Natural products as therapeutics, medical microbiology, nanobiology and system biology: current scenario and emerging trends,		18-19 Sep 2014.

Research Articles

S. No	Title	Journal	Year/ Volume/ Page No	UGC/ Scopus/ WOS
1.	Anticancer Activity of <i>Rhizophora mucronata</i> Leaves Extract on Sprague-Dawley Rats	<i>Journal of Toxicology</i>	2023: 2023: 1-23	Scopus IF: 2.9
2.	Lithium induced histological and thyroid hormone alterations observed in <i>Channa punctatus</i> and <i>Oreochromis niloticus</i>	<i>Punjab Univ. J. Zoology</i>	2023: 38(1): 119-125	SJR IF:0.16
3.	Wound Healing Potential of <i>Couroupita guianensis</i> Aubl. Fruit Pulp Investigated on Excision Wound Model	Applied Biochemistry & Biotechnology	2023	Scopus & SCI
4.	In vivo studies on evaluation of endophytic fungi extract from <i>Trichoderma viride</i> against cervical cancer	Beni-Suef Univ J Basic Appl Sci	2023 12:19	Scopus
5.	Pharmacognosy Determination and in vitro Antioxidant, Anti-Inflammatory, Antimycobacterial Activity of Salt Marsh Plants: <i>S. portulacastrum</i> and <i>S. brachiata</i>	<i>JKAU: Mar. Sci.</i> ,	2022 32 (1) 1-19	UGC
6.	Induction of Apoptosis by Methanolic Extract of <i>R. mucronata</i> Lam on MCF-7 Cell Line	Res. J of Pharmacy and Technology	2022; 15(11)	UGC
7.	Antiviral effects of l-fucose from <i>Padina gymnospora</i> against various strains of dengue virus	Journal of Advanced Scientific Research,	2022; 13(04), 111-117.	UGC
8.	Evaluation of Immunostimulatory Potential of Rhamnolipid	Indian Journal of Natural	2022; 13 (74):	WOS

	Biosurfactant from <i>P. aeruginosa</i> in <i>C. mrigala</i>	Sciences	47943	
9.	Quantification of Antioxidant Capacity and Free Radical Scavenging Potential of methanolic Stilt Root Extract of <i>R. mucronata</i> .	Algerian journal of natural products	2022; 10(1): 880-893.	UGC
10.	Alcoholic concentrate of microalgal biomass modulates cytotoxicity, apoptosis, and gene expression studied in hepatocellular carcinoma	Biomass Conversion and Biorefinery	2022	WOS IF: 4.98
11.	Production and optimization of α -amylase from <i>Aspergillus ochraceus</i> isolated from Marakkanam salt pans, Tamilnadu, India	Bull. Env. Pharmacol. Life Sci.,	2022; S1;997.	WOS
12.	Halotolerant protease enzyme production by <i>Penicillium chrysogenum</i> from Marakkanam salt pans, Tamilnadu, India	Bull. Env. Pharmacol. Life Sci.,	2022; Special Issue [1].	WOS
13.	Agrobacterium mediated hairy root induction and solasodine production in <i>Solaum melongena</i> var <i>insanum</i> L. Prain	Plant achieves	2022; 22(1): 43-47.	
14.	Indirect Organogenesis from Stem Derived Callus of <i>Dregea volubilis</i> (L.f) Benth.	Int J of Plant & Environment.	2021	
15.	Antioxidant potential of fucose isolated from the marine macroalgae <i>Padina gymnospora</i> .	Biosc.Biotech. Res.Comm	2021; 14(3): 1302	UGC
16.	Determination of probiotic bacteria from intestine of <i>Sparisoma viride</i> and bioencapsulation of <i>A. salina</i> with probiotics	Research Journal of Microbiology	2020; 15: 1-8.	
17.	HPLC characterization, acute and sub-acute toxicity evaluation of bark extract of <i>R. mucronata</i> in Swiss Albino mice.	Heliyon	2020; 6: 1 -13.	Scopus TR; 2.85 SCI
18.	<i>In vitro</i> Evaluation of anti urolithiatic activity of <i>Bryophyllum pinnatum</i> Lam.	Int. Multidiscip. Res. J	2019; 5(8): 97-102.	UGC
19.	Proximate composition and <i>in vitro</i> antioxidant properties of <i>Rhizophora mucronata</i> plant part extract	Asian Journal of Green Chemistry	2019. 3(3) 345-352.	
20.	Effect of yeast elicitor on the enhancement of Kaempferol from <i>in vivo</i> and <i>in vitro</i> Callus Cultures of <i>D. volubilis</i> Benth	Asian Journal of Biological Sciences	2019; 12:278-283.	
21.	GCMS analysis and invitro antibacterial and anti-inflammatory study on methanolic extract of <i>Thalassiosira weissflogii</i> .	<i>Biocatalysis and Agricultural Biotechnology</i>	2019; 19: 101148	WOS & UGC TR; 3.281
22.	Heart and liver regeneration in zebrafish using silver nanoparticle synthesized from <i>Turbinaria conoides</i> – <i>In vivo</i> .	<i>Biocatalysis and Agricultural Biotechnology</i>	2019., 17: 104–109.	WOS & UGC TR; 3.281
23.	Propugnating effect of bark of <i>Rhizophora mucronata</i> against different toxicants viz carbon tetrachloride, ethanol and paracetamol on HepG2 cell lines.	<i>Journal of Pharmacopuncture</i>	2019. 22(1): 41-48.	Scopus TR; 1.64
24.	Eco toxicity of plant based mosquito larvicidal, repellent and adulticidal activities of <i>Sargassum polycystum</i> extract against dengue and filaria vectors.	<i>Journal of Entomology and Zoology Studies</i>	2018., 6(2): 1108-1117.	
25.	Evaluation of antitumor properties of <i>Annona reticulata</i> (L.) seed on cancer cell lines.	<i>Journal Pharma Research,</i>	2018. 7(7): 132-135	UGC
26.	Antioxidant activity of Polysaccharide from <i>Sargassum</i> Sps	IOSR Journal of Pharmacy	2018; 8(8):24-31.	UGC
27.	The enhancement of kaempferol by yeast elicitor in callus cultures of <i>Oxystelma esculentum</i> (L.F).	<i>J. Chem. Pharm. Res.</i>	2018. 10(4): 56-59.	Scopus TR; 0.39
28.	<i>In vitro</i> free radical scavenging activity of crude extract of <i>S. nigrum</i>	<i>Int. J. Sci. Res</i>	2018; 7(3): 153-163	UGC
29.	A study of Prevalence and Antimicrobial Susceptibility Pattern of MRSA	<i>Int J Pharm Bio Sci.,</i>	2018; 9(1): 204.	Scopus TR; 0.27
30.	Pharmacological activity of biosynthesized gold nanoparticles from Brown Algae Seaweed <i>Turbinaria conoides</i>	<i>Nanoworld Journal</i>	2018; 4(1): 17-22.	Scopus TR; 0.25
31.	GCMS analysis and <i>invitro</i> enzyme inhibitory effect of different solvent extracts of <i>Garcinia cambogia</i> fruit	<i>World J of Pharm. Res.</i>	2018. 7(5): 1636.	
32.	Screening of phytochemical constituents & antibacterial activity of fractionated leaf extract & antioxidant capacity of the crude extract of <i>S. portulacastrum</i> Leaf from Backwaters of Muthukadu Lake Chennai	<i>Int. J. of Environmental Health and Technology</i>	2018; 1(2):62-66.	
33.	Chromatographic Analysis Of <i>Rhizophora mucronata</i> Bark- Based On Antioxidant And Free Radical Scavenging Potential.	<i>European j. biomed. pharm. sci.</i>	2018.. 5(3): 771-781.	
34.	Characterization And Antibacterial Activity Of Newly Synthesized Heterocyclic Compound.	<i>Eur J of Biomed and Pharm Science.</i>	2018; 5(3): 575-580.	

35.	Marine Natural Products from Marine Microbes.	<i>Indian Journal of Applied Microbiology.</i>	2017. 20(2): 97-100.	
36.	Effect of <i>Couroupita guianensis</i> on Xanthine Oxidase activity and its potent role in treatment of Gout.	<i>Asian Journal of Pharmacy and Pharmacology</i>	2017. 3(6): 215-219	UGC
37.	<i>In Vitro</i> Anticancer Activity of Green Synthesis Ruthenium Nanoparticle from <i>Dictyota dichotoma</i> Marine Algae.	<i>NanoWorld J</i>	2017. 3(4): 66-71.	Scopus TR; 0.250
38.	Antioxidant & free radical scavenging activity of crude extract of <i>R. mucronata</i> leaves	<i>Int. J. Env and Health</i>	2017; 1(1): 22-29.	
39.	Quantification of Free Radical Scavenging Potential and Antioxidant Activity of Methanolic Extract from <i>R.mucronata</i> Bark	<i>Int J Adv Biotechnol and Res</i>	2017; 8(4): 463-478.	WOS
40.	Evaluation of anti-genotoxicity of the Tio ₂ nanoparticle biosynthesized from <i>Turbinaria conoides</i> .	<i>Int. J. of Current Research</i>	2017. 9(10): 59085.	
41.	<i>In vitro</i> milk clotting and anticoagulant properties of the latex of <i>Jatropha gossypifolia</i> L.	Hindco research journal.	2017. 1(1)	
42.	Ethnopharmacological study of salt marsh plants from Muthukadu backwaters.			
43.	Phytoconstituents and antibacterial activity of <i>Morinda tinctoria</i> .			
44.	Mosquito larvicidal activity of fractionated methanolic extract of <i>Rhizophora mucronata</i> stilt root and <i>Sesuvium portulacastrum</i> against Dengue Larvae	<i>Journal of Mosquito Research</i>		
45.	Evaluation of <i>In vitro</i> anticoagulant and antimicrobial activities of <i>Gymnema sylvestre</i>	<i>Int. J. Adv. Res. Biol. Sci.</i>	2017; 4(7): 173-177.	
46.	Antigenotoxic Effect of <i>Rhizophora Mucronata</i> Bark Extract Against Cyclophosphamide Induced Toxicity.	<i>J. mat. sci. and bioprocess eng. appl</i>	2017. 1(1): 5 -15.	
47.	Anti Genotoxic Effect of TiO ₂ Nanoparticle Biosynthesized from <i>Sargassum polycystum</i> – a Marine Macroalgae	J Nanomed Res	2017; 5(4): 1-6	
48.	<i>Terminalia arjuna</i> bark assisted biosynthesis, Characterization and bioactivity of metal oxide nanoparticles.	<i>J Chem and Pharma Res</i>	2017; 9(3): 34.	Scopus TR; 0.39
49.	Isolation and identification of oil degrading <i>P. aeruginosa</i> from marine sediment samples and its antimicrobial properties.	<i>Int. J. Adv. Res. Biol. Sci.</i>	2016. 3(12): 200-212	
50.	Antibacterial screening on phytochemical extracts of <i>H. auriculata</i> (Neer mulli) on MRSA -an <i>in vitro</i> study	<i>Int. J. Adv. Res. Biol. Sci.</i>	2016; 3(12): 196.	
51.	<i>In vitro</i> evaluation of antidiabetic potential of leaf and stem extracts of <i>Solanum xanthocarpum</i> and <i>Solanum nigrum</i> .	<i>Int. J. Adv. Res. Biol. Sci.</i>	2016 3(12): 191-195.	
52.	<i>In vitro</i> antimicrobial activity of crude and chromatographic fractions of <i>O.esculentum</i>	<i>Int. J. Adv. Res. Biol. Sci.</i>	2016; 3(12): 183.	
53.	Antigenotoxic evaluation of <i>Rhizophora mucronata</i> stilt root extract against Cyclophosphamide induced toxicity.	<i>Int. J. new tech. sci. engi.</i>	2016; 3 (2): 69-77.	
54.	Effect of different plant growth regulators on callus induction in leaf and stem explants of <i>Oxystelma esculentum</i> (L.F)	<i>Int. J. Adv. Res. Biol. Sci.,</i>	2016; 3(9): 247-250.	
55.	Isolation and Identification of Dental caries causing Actinomycetes and antimicrobial activity of <i>Punica granatum</i>	<i>Int. J. Curr. Res. Biol. Med</i>	2016; 1(4): 1-14	
56.	Production of food grade pigments from <i>Pseudomonas aeruginosa</i> .	<i>Int. J. Curr. Res. Biol. Med.</i>	2016. 1(1): 14-18.	
57.	A study on evaluation of phytochemical screening and <i>in vitro</i> bioactivity of leaf and stem extracts of <i>Solanum xanthocarpum</i>	<i>Int. J. Curr. Res. Biol. Med.</i>	2016. 1(1): 91-93.	
58.	Efficacy of mosquito repellent and adulticidal activities of <i>Halophila ovalis</i> extract against filaria vectors.	<i>Journal tropical disease</i>	2015; 4: 191.	
59.	Chemical properties of essential oil from <i>Rhizophora mucronata</i> mangrove leaf against malarial mosquito <i>A. stephensi</i> and filarial mosquito <i>C. quinquefasciatus</i> .	<i>Asian Pac J Trop Dis.,</i>	2015; 5(Suppl 1): 930-935.	Scopus TR; 0.57
60.	Isolation and identification of multidrug resistance <i>Staph aureus</i> from throat infected patients in Tertiary Care Hospital	<i>Int. J. Curr. Res. Med. Biol. Sci.,</i>	1(6): 35-42.	
61.	Utilization of diets amended <i>Pergularia daemia</i> forsk. plant extracts for the control of aflatoxicosis.	<i>Journal of Global Biosciences.</i>	2015. 4(1): 1250-1257.	Impact Factor:1.115

62.	Green synthesis of Silver nanoparticle by <i>Acanthus ilicifolius</i> mangrove plant against <i>Armigeres subalbatus</i> and <i>Aedes aegypti</i> mosquito larvae.	<i>International Journal of Nano Dimensions</i>	2015; 6(2): 197 – 204.	WOS
63.	<i>In vitro</i> screening for anti-inflammatory activity of <i>Basella alba</i> and <i>Alternanthera sessilis</i> – impartent edible green leaves.	<i>Int. j. compr. res. biol. sci</i>	2014. 1(1): 9.	
64.	Green Synthesis of Silver Nanoparticles from <i>Ocimum sanctum</i> against Mosquito Vectors for Malaria and Dengue.	<i>Int J Pharm Sci Nanotech.,</i>	2014. 7(4): 2666-70	
65.	<i>In vitro</i> evaluation of antidiabetic potential of <i>Gymnema sylvestre</i> and <i>Dregea volubilis</i> .	<i>Int. j. compr. res. biol. sc</i>	2014. 1(1): 9-12.	
66.	Antibacterial and antifungal activity of <i>S. torvum</i> Sw: An Ethnomedicinal Plant	<i>Int. j. compr. res. biol. sci</i>	2014. 1(3): 6-12.	
67.	Molecular Docking Studies of Nitrocefin and it's Analogs with PBP2A of <i>S. aureus</i> .	<i>Biosci Biotech Research Asia,</i>	2014. 11(1): 143.	Scopus TR;0.33
68.	Molecular Modelling and Structure analysis of S-ribosyl homocysteinase from <i>Aeromonas hydrophila</i> ,	<i>Biosciences Biotechnology Research Asia,</i>	2014. 11(1):363-368.	Scopus TR;0.33
69.	Safety and efficacy of essential oil from <i>Curcuma longa</i> against <i>Aedes aegypti</i> and <i>Anopheles stephensi</i> mosquito vectors.	<i>Int. j. compr. res. biol. sci</i>	2014. 1(1):36-43	
70.	Identification of Potential drug target in <i>Treponema pallidum</i> subsp. <i>Pallidum</i> through metabolic pathway analysis	<i>Int. j. compr. res. biol. sci</i>	2014; 1(1): 44-47.	
71.	Decolorization of Acid Dyes by <i>B.cereus</i> and <i>P.aeruginosa</i> isolated from Effluent of Dyeing Industry.	<i>International Journal of Pure&Applied Bioscience,</i>	2014; 2(3): 23-29.	
72.	Isolation, antibiotic sensitivity and molecular characterization of Multi Drug Resistance <i>Staphylococcus aureus</i> using Polymerase Chain Reaction.	<i>Int.J.Adv.Res.Biol.Sci.,</i>	2014. 1(1): 125-136.	
73.	Insecticidal compounds from Rhizophoraceae mangrove plants for the management of dengue vector <i>Aedes aegypti</i> .	<i>J Vector Borne Dis.,</i>	2014. 51: 106–114.	WOS TR.1.51
74.	Antigenotoxic effect of green-synthesised silver nanoparticles from <i>Ocimum sanctum</i> leaf extract against cyclophosphamide induced genotoxicity in human lymphocytes— <i>in vitro</i> .	<i>Applied Nanoscience.</i>		WOS Springer TR; 3.13
75.	Optimization of culture conditions for production of Bacterial chitinase isolated from marine crustacean shells.	<i>J Microbiol Biotech Food Sci.,</i>	2014. 3(4): 319-321.	WOS TR; 0.614
76.	An efficient method for callus induction of an important medicinal plant (<i>Sarcostemma brevistigma</i>) from stem segments.	<i>Research in Plant Biology,</i>	2013. 3(5): 37-40.	
77.	Antimicrobial activity and characterization of biosynthesized silver nanoparticles from <i>Anisochilus carnosus</i> .	<i>International Journal of nano Dimension.</i>	2013. 3(4): 255-262.	WOS
78.	Mosquito larvicidal properties of volatile oil from salt marsh mangrove plant of <i>Sesuvium portulacastrum</i> against <i>Anopheles stephensi</i> and <i>Aedes aegypti</i> .	<i>Journal of Coastal Life Medicine</i>	2013. 2013; 1(1): 65-70.	
79.	Evaluation of <i>in-vitro</i> anti-inflammatory and antimicrobial properties of <i>Pergularia daemia</i> and <i>Solanum xanthocarpum</i> .	<i>Int J of Current Microbiology and Applied Sciences.</i>	2013. 2 (1): 94-99.	
80.	Heavy Metal Tolerance and Antibiotic Sensitivity of Bacterial Strains Isolated From Tannery Effluent.	<i>Asian j. Exp. Biol. Sci.</i>	2013. 4(4) 2013: 597-606.	
81.	Larvicidal and Antibacterial Activities of Different Solvent Extracts of <i>S. nigrum</i>	<i>GJBB</i>	2012. 7 (3): 86-89.	
82.	Effect of different plant hormones on callus induction in Leaf explant of <i>Dregea volubilis</i> Benth. (Asclepiadaceae).	<i>Journal bioscience Research.</i>	2012. 3(3):198-202.	
83.	Optimization of various parameters for the production of glucose oxidase using <i>A. niger</i> .	<i>Int.J.Curr.Microbiol. Appl Sci.</i>	2012. 1 (1): 23-28.	
84.	Fatty Acid Composition and Antimicrobial Activity of <i>Solanum torvum</i> Sw.	<i>J. of Modern Biotechnology.</i>	2012. 1(2): 75-78.	
85.	Isolation, Purification and Characterization of Oxygen insensitive Azoreductase from <i>Pseudomonas aeruginosa</i> and Biodegradation of Azo dye - Methyl red.	<i>J. of adv lab res bio.</i>	2012. 3(4): 310-315.	

86.	<i>In vitro</i> regeneration and conservation of rare medicinal plant <i>Dregea volubilis</i> Benth.	<i>Journal of Plant Sciences</i>	2011. (10):3923.	Scopus IF: 0.46
87.	<i>In vitro</i> anti-inflammatory activity and tissue culture studies on <i>Andrographis paniculata</i>	<i>J of Pharmacy Research.</i>	2011. 4(5): 1368-1369	UGC
88.	Micropropagation of <i>Crataeva religiosa</i> Hook. f. & Thoms.	<i>CurrTrends in Biotechnology and Pharmacy.</i>	2009. 3 (3): 287 – 290.	UGC Scopus TR; 0.477
89.	Comparative analysis of solasodine from <i>in vitro</i> and <i>in vivo</i> cultures of <i>Solanum nigrum</i> Linn.	<i>KUSET</i>	2009.6(1): 99-103.	
90.	TLC Method for the Determination of Plumbagin in Hairy Root Culture of <i>P. rosea</i>	<i>GJBB</i>	2009. 4 (1): 66-69	IF:1.21
91.	<i>In vitro</i> propagation of <i>Hybanthus enneaspermus</i> Linn., from leaf explant.	<i>J. of Advanced biotech.</i>	2009; 8 (8): 29 – 31.	
92.	Studies on macro and meiobenthos in Coramantal Coast (East Coast of India).	Asian J Micro Biotechnol Environ Sci .	2009. 11(4): 789-792.	UGC Scopus TR; .0.15
93.	Optimizing the conditions of L-Glutamic acid production by <i>Cornibacterium glutamicum</i> .	Asian J Microbiol Biotechnol Environ Sci .	2009. 11(1): 185-188.	UGC TR; .0.15
94.	Detection of virulence gene in <i>Aeromonas hydrophila</i> isolated from fish samples using PCR technique	<i>Glob. j. biotechnol. biochem.</i>	2009. 4 (1): 51-53.	IF: 0.12
95.	Rapid <i>in vitro</i> propagation of medicinally important <i>Rhinacanthus nasutus</i> (L.) Kurz., and screening for its antibacterial activity.	<i>Research Journal of Biological Science.</i>	20081 (2): 114 -119.	
96.	Prevalence of microbial inhabitants from cowshed and its control.	<i>Res Journal of Biological Science</i>	2008. 1: 33-37	
97.	Effective production of biomass of <i>Aspergillus</i> sp using different oilcakes,	<i>Res Journal of Biological sciences,</i>	2008. 168-177	
98.	Studies on Production of antibiotic from Tsunami soil isolates of <i>Streptomyces</i> sp at Velanganni, Nagapattinam District.	<i>Res Journal of Biological Science.</i>	2008. 1: 38–43.	
99.	Dye degrading mycoflora from industrial effluents.	<i>Research Journal of Microbiology.</i>	2008. 3 (3): 204-8.	Scopus TR; 0.53
100.	Production of α -amylase enzyme in submerged fermentation by using <i>Bacillus</i> sp.	<i>Res. J. of Biological Science.</i>	2008. 1: 50 – 57.	
101.	Occurrences of bacteria and fungi from marine flora and fauna.	<i>Indian Journal of Applied Microbiology</i>	2006. 6(1): 18-21.	

Full paper/Abstracts in conference proceedings

Full paper

International conference

S. No	Title of the paper	Conference	Year
1	The enhancement of kaempferol by yeast elicitor in callus cultures of <i>Oxystelma esculentum</i>	International conference on Microbial life in Ancient ice, Dept of Microbiology, Kamban College of Arts and Science, Tiruvannamalai	4.2.2020
2	Antiplasmodial activity of biosynthesis nanoparticles from seaweeds <i>Plasmodium falciparum</i> . Conference Proceeding : Journal of Infectious Disease and Therapy, ISSN:2332-0877, Omics groups	2 nd World congress on Infectious Disease & International conference on Pediatric Care & Pediatric Infectious Disease, Philadelphia, USA. IF:0.682	24.8.2016 – 26.8.2016
3	Regeneration of heart and liver from zebra fish using gold synthesis particle from <i>Padina gymnospora</i> marine algae-invivo”	Conference proceeding: International Journal of Health and Life Science, ISSN:2554-5872, organized by 9 th international conference on healthcare and Life science research. Malaysia. IF:1.23.	December 27-28, 2015.

National conference

S. No	Title of the paper	Conference	Year
1.	Production of Wine From Different Grape Varieties by Using Baker's Yeast	Microfie'23, SNMV College of Arts and Science, Coimbatore	Jan, 2023
2.	An <i>in vitro</i> study of potent anticancer extracts from marine sources (<i>Chlorella vulgaris</i> , <i>Nannachloropsis oculata</i> , <i>Thalassiosira weissflogii</i> and Astaxanthin) on autosomal STR markers	13 th National Conference on novel biotechnological approach to the society (SyMBioS'20), Dept of Biotechnology, SNMV College of Arts and Science, Coimbatore.	23 rd - 24 th , Jan 2020.
3.	<i>In vitro</i> plant regeneration from leaf and stem explants of <i>Oxytelma esculentum</i> (L.F) R.Br. ex Schltes.	National seminar on stem cell therapies in clinical trials – progress and challenges, Dept of Microbiology, Kamban College of Arts and Science for Women, Tiruvannamalai.	26 th Sep, 2018
4.	Determination of diesel oil degrading bacteria from petroleum hydrocarbon contaminated soil	10 th National Symposium on Modern Biological Sciences, Dept of Biosciences and Research, SNMV College of Arts and Science, Coimbatore	20-21 st , Feb 2017
5.	<i>In vitro</i> callus induction and plant regeneration in cotyledon kernels of <i>Ziziphus mauritiana</i> Lam	Conference Proceeding : Journal of Infectious Disease and Therapy, ISSN:2332-0877, Omics groups, Organized by Department of Biotechnology, Alpha College of Arts and Science, Chennai.	January 11, 2017
6.	Screening of phytochemical and anti-oxidant capacity of <i>Avicennia marina</i> leaf extract from backwaters of Muthukadu lake, Tamil nadu		
7.	Toxicological evaluation of <i>Rhizophora mucronata</i> stilt root extract using wistar rats.		
8.	<i>In vitro</i> screening for anti-inflammatory activity of <i>Solanum nigrum</i> L.	9 th National conference on Modern Biological Sciences, Department of Biosciences, SNMV College of Arts and Science, Coimbatore – 641050 (ISBN 5-8-978-81-926250-0-3).	11- 12 th Feb 2016
9.	Biopreservative efficacy of bacteriocin from <i>Lactobacillus</i> sp., in white leg shrimp (<i>Litopenaeus vannamei</i>).	Proceedings of National Seminar on Marine Resources, Organized by Department of Zoology, M.D.T. Hindu College Tirunelveli.	3-4 th March, 2016
10.	Molecular interaction studies between HIV-in and human LEDGF.		
11.	Molecular interaction studies between HIV-in and human LEDGF.		
12.	Anti Inflammatory activity of <i>Avicennia marina</i> in Dextran Sulfate Sodium induced Ulcerative colitis in wistar rat		
13.	A study on Evaluation of phytochemical screening and <i>in vitro</i> bioactivity of leaf and stem extracts of <i>Solanum xanthocarpum</i> (Solanaceae).	National Conference on “Emerging Trends in Management of Infectious Diseases and Public Health, organized by Department of Biotechnology, Mohamed Sathak College of Arts and Science, Chennai	4 – 5 Feb 16,
14.	Modulatory effect of Polydatin on <i>in vivo</i> carbohydrate metabolism in streptozocin-induced type II diabetic rats.		
15.	Enhancement of Solasodine in <i>Solanum trilobatum</i> L. through fungal elicitors treatment.	Proceeding of Herbal Technology, Past, Present and Future. Department of Biotechnology, Alpha college of Arts and Science, Chennai- ISBN-978-93-5228-137-4, Page:39-44.	2015
16.	Marine Pharmacology-Overview.		

ABSTRACT**International conference**

1. **Yogananth, N.**, Syed Ali, M., Bhakyaraj, R. and Palanivel, S. 2022. Dietary supplement of *Dregea volubilis* extracts on immune response and disease resistance against *Aeromonas hydrophila* in fresh water fish *Labeo rohita*. Emerging Scientist Conference on 20th February, 2022 held at Pakistan.
2. **Yogananth, N.**, Chanthuru, A., Bhakyaraj, R., Syed Ali, M. and Palanivel, S. 2021. Evaluation of antiaflatoxicosis potential of two Asclepiadaceae plants *Dregea volubilis* and *Sarcostemma brevistigma*. 4th Asian Conference on Science, Technology and Medicine on 21st November, 2021 held at Dubai, UAE.
3. Savitha, S. and **N.Yogananth**. 2020. A study of prevalence and antimicrobial susceptibility pattern of Methicillin resistant *Staphylococcus aureus*. International conference on Microbial life in Ancient ice on 4th February, 2020 held at Department of Microbiology, Kamban College of Arts and Science for Women, Tiruvannamalai.
4. Syed Ali, M., S.Ravikumar, **N. Yogananth**, V. Anuradha, M.Mohamed Farook, S.Abideen, M.Babuselvam 2014. Mosquitocidal activity of essential oil from *Bruguiera cylindrical* mangrove leaf against dengue mosquito *Aedes aegypti* and filarial mosquito *Culex quinquefasciatus*. Proceeding of the International conference on Bioprospecting of natural resources for human health-2014. Department of Zoology, Dr.Zakir Husain College, Tamil Nadu.

5. Anuradha, V., S. Swetha, M. Syed Ali, **N. Yogananth**, A. Praveena, 2014. Insilico analysis on drug potentiality of catechin using different targets. Proceeding of the International conference on Bioprospecting of natural resources for human health-2014. Department of Zoology, Dr. Zakir Husain College, Tamil Nadu.
6. Jothi Basu, M., **N. Yogananth**, A. Chanthuru and S. Baburaj. 2009. *In vitro* anti – inflammatory activity and tissue culture studies on *Andrographis paniculata* (Burm. F.) Wallich ex. Nees., A medicinal plant. International Colloquium on “Emerging Biotechnologies in Agriculture, Animal health and Productivity” (ICEB’ 09), 22nd – 26th February, held at The School of Bio-sciences, Alagappa University, Karaikudi.
7. Rajan, R., **N. Yogananth**, M. Syed Ali, Priya, 2014. Characterization of alkaline protease from *Bacillus cereus* and its application as a dehairing capability. Proceeding of the International conference on Bioprospecting of natural resources for human health-2014. Department of Zoology, Dr. Zakir Husain College, Tamil Nadu.

National Conference

1. N. Yogananth, M. Syed Ali, V. Anuradha, Heena Habeeb. 2023. Assessment of *in-vitro* anti-urolithiatic and *in-vitro* anti inflammatory potential of *Alpinia officinarum*. 2nd International Conference on “Unraveling Therapeutic Resources from Nature’s Treasure. on 21&22, Sep 2023, Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai – 119.
2. Yogananth, N 1 ., Syed Ali, M 1 ., and Anuradha, V. 2023. Scientific validation of medicinally important plant, Dregea volubilis for its Anti-Salmonella potential - An invivo assessment.
3. **Yogananth, N.**, R. Selvi, M. Syed Ali and V. Anuradha, 2022. Assessment of anti-aflatoxicosis potential of ethanolic leaf extracts of *Solanum virginianum* L. – A traditional medicinal plant. National conference on sustainable use of natural resources on 2^{6th} November, 2022 held at Pushkaram College of Agricultural Sciences, Pudukkottai.
4. **Yogananth, N.**, A. Manikandan, M. Syed Ali and V. Anuradha. 2021. *In vitro* propagation and mass multiplication of *Hygrophila auriculata* (K. Schum) – An important medicinal plant. National conference and award ceremony on innovations in science, agriculture and adaptation to climate changes on 28th April, 2021, held at Pushkaram College of Agricultural Sciences, Pudukkottai.
5. **Yogananth, N.**, M. Syed Ali, V. Anuradha and R. Bhagyaraj. 2020. Preliminary evaluation of *in vitro* anti diabetic potential of *Coccinia grandis*. National Conference on “Microbial Biotechnology” Microfie’20 on 30th January, 2020, held at Department of Microbiology, SNMV College of Arts and Science, Coimbatore – 641050.
6. Vithiyasri, **Yogananth, N** and Syed Ali, M. 2020. *In vitro* antiulcer activity of *Solanum xanthocarpum* – a preliminary assessment. 13th National Conference on novel biotechnological approach to the society (SyMBioS’20) on 23rd and 24th, January 2020, held at Department of Biotechnology, SNMV College of Arts and Science, Coimbatore – 641050.
7. Farheen Fathima, **Yogananth, N** and Syed Ali, M. 2019. Preliminary evaluation of antibacterial and antioxidant activities of *Justicia adhatoda* L. National conference on Impact of Biotechnology in improving human health on 27th September, 2019 held at Department of Biotechnology, SRM arts and Science College, Chennai – 603203
8. **Yogananth N** and Shanthi, V. 2019. Impact of EM solutions on growth and yield of two Solanaceae plants, *Solanum nigrum* and *Solanum torvum*. National seminar on Organic farming for sustainable agriculture on 29th March, 2019, held at School of Agriculture, PRIST Deemed to be University, Thanjavur.
9. S.Savitha and **N. Yogananth**. 2018. GC-MS analysis and Antibacterial screening on phytochemical extracts of *Hygrophila auriculata* (Neer mulli) on MRSA (Methicillin resistant *Staphylococcus aureus*)-an *in vitro* study. National seminar on stem cell therapies in clinical trials – progress and challenges on 26 September, 2018, held at Department of Microbiology, Kamban College of Arts and Science for Women, Tiruvannamalai.
10. R. Selvi and **N. Yogananth**. 2018. *In vitro* screening for antiinflammatory activity of *Solanum xanthocarpum* and *Solanum nigrum* plant extracts. National seminar on stem cell therapies in clinical trials – progress and challenges on 26 September, 2018, held at Department of Microbiology, Kamban College of Arts and Science for Women, Tiruvannamalai.
11. **Yogananth, N.**, R. Mutheszilan and M. Jeyaprakshvel. Optimization for biosurfactant production by hydrocarbonoclastic bacteria from Rayapuram harbour, Chennai.
12. Bhagyaraj R, Palanivel S, Parvathi P and **Yogananth N**. 2017. Solasodine production in *Solanum trilobatum*. with special reference to fungal elicitors. 10th National Symposium on Modern Biological Sciences (SyMBioS’17) on 20th and 21st, February 2017, held at Department of Biosciences and Research, SNMV College of Arts and Science, Coimbatore – 641050.
13. Desiyamani, P., M. Syed Ali, V. Anuradha, **N. Yogananth**, R. Rajan, R. Bhagyaraj and P. Ruban. 2017. Larvicidal activity of true mangrove and associated mangrove extracts against *Aedes aegypti* larvae. 10th National Symposium on Modern Biological Sciences (SyMBioS’17) on 20th and 21st, February 2017, held at Department of Biosciences and Research, SNMV College of Arts and Science, Coimbatore
14. **Yogananth, N.**, David Wilson, M. Syed Ali and V. Anuradha. 2015. Evaluation of anticoagulant activity of ethanolic extracts of *Alternanthera sessilis* and *Basella alba* - important edible green leaves. Abstract of the National conference on Science, technology and productization – A means of growth, 5- 6th February, organized by Karnataka science and technology academy and The Oxford College of Science, Bangalore, Karnataka.
15. Nagarajan S, **Yogananth N**, Ragul R, Karthik R, Jaffar Hussain A and Mutheszilan R. 2014. Extraction of bacteriocin from *Lactobacillus* sp and their use in biopreservation activity of shrimps at different storage temperature conditions. National Level Conference On Advances In Marine Bio Science & Technology Current Status, Prospects & Challenges on 1^{4th} March, 2014, Department of Biotechnology, AMET University, Chennai.
16. Velmurugan, K., A. Mohamed Hanifa, **N. Yogananth**, M. Syed Ali. 2014. Mosquitoes Larvicidal Activity of *Andrographis paniculata* against *Culex quinquefasciatus*. National Level Conference On Advances In Marine Bio Science & Technology Current Status, Prospects & Challenges on 14th March, 2014, Department of Biotechnology, AMET University, Chennai.

17. Syed Ali, M., S.Ravikumar, V. Anuradha, **N.Yogananth** and M. Babuselvam. 2014. Antitermicidal activity of ethanolic extracts of mangrove plant from south west coast of India. Proceedings of National Seminar on Recent Advances in Biotechnology and Applied Microbiology 03rd & 04th Mar, 2014. Page No. 122.
18. **Yogananth, N.**, S. Ramanathan, M. David Wilson, M. Syed Ali and P.P. Vijaya. 2013. Evaluation of Anti-larvicidal and antimicrobial activities of *Hemidimus indicus* against *Culex quinquefasciatus*. National Seminar on Emerging trends in microbial biotechnology, 20 & 21st February, organized by Department of Microbiology, Kanchi Shri Krishna College of Arts and Science, Kilambi, Kanchipuram – 631551, Tamil Nadu
19. **Yogananth. N.**, Chandra mohan, C, Balaji, E Chandran M and R. Muthezhilan, 2012. An efficient micropropagation system for *Pergularia daemia*: A Medicinally important plant National Conference on Recent advances in plant biotechnology : Towards Next green revolution, 9th & 10th February, 2012, Organized by Department of Plant Science , School of Life Sciences, Bharathidasan University, Trichy.
20. **Yogananth N.**, R. Muthezhilan and A. Priyanka, 2011. Fatty acid composition and antimicrobial activity of the extract from *Solanum torvum* Sw. National conference on Impact of Biotechnology in Health care & Industry, 21st December 2012, organized by Department of Biotechnology, Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai – 62.
21. Chanthuru, A., **N. Yogananth**, R. Bhagyaraj and S. Palanivel. Removal of heavy metals (Cr, Cd, Zn and Pb) by using straw method. National seminar on Global climate change and its impact on Biodiversity, Feb 2009, held at Department of Plant Biology and Plant Biotechnology, St. Xavier's College, Palayamkottai, Tamil Nadu,
22. Jothi Basu, M., Bayana Mathukutty and **N. Yogananth**. 2009. Micropropagation and Induction of Hairy Root Cultures of *Plumbago rosea* L. 27th Annual General Body Meeting of the Society of Swamy Botanical Club (SBC – XXVII) & National Conference on Modern Trends in Plant *In Vitro* Biology, 5 – 6 January, held at Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu.
23. Bhagyaraj, R., **N. Yogananth**, A.Chanthru, Arun Sasi, E. Sheeba, S. Palanivel and S. Parvathy. Hairy root induction and Solasodine production in *Solanum melongena* L. var. insanum (L.) Prain. National conference on Trends in Plant-Microbe Interactions, Jan 2009, held at Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu.
24. Chanthuru, A., S. Palanivel, S. Parvathi, **N. Yogananth**, R. Bhagyaraj and Arun Sasi. 2008. Effect of Immobilized *Arbuscular Mycorrhizal* Inoculum on Growth of *Sorgum bicolor* L. Moench. National Seminar of The Present Scenario in Biodiversity, Biotechnology and Environmental Management, on 6 – 7 March, 2008, held at Department of Biotechnology, Botany and Environmental Science, J.J. College of Arts and Science, Pudukkottai, Tamil Nadu.
25. Bhagyaraj, R., S. Palanivel, S. Parvathi, **N. Yogananth**, A. Chanthuru and Arun Sasi. 2008. Direct Plantlet Regeneration in *Solanum nigrum* L. National Seminar of The Present Scenario in Biodiversity, Biotechnology and Environmental Management, on 6 – 7 March, 2008, held at Department of Biotechnology, Botany and Environmental Science, J.J. College of Arts and Science, Pudukkottai, Tamil Nadu.
26. Arunsasi, Kalidoss A, Ravikumar M, Chanthru, Bhagyaraj R and **Yogananth N.** 2008. Optimizing the conditions of L-Glutamic acid production by *Cornibacterium glutamicum*. National seminar on “The present scenario in biodiversity, biotechnology and environment management” on 6th and 7th March, 2008.
27. Muthezhilan R., **N. Yogananth**, A. Jaffar Hussain, R. Srinivasan and N. Imran Sheriff, 2008. Production and optimization of protease from *Micrococcus roseus*. National Seminar on “Biotechnology in Genomics and Proteomics platform”, September 2008, held at School of Biotechnology, Dr. G.R. Domodharan College of Science, Coimbatore, Tamil Nadu, India.
28. **Yogananth, N.**, R. Bhagyaraj, A. Chanthru, Arun Sasi and S. Palanivel. 2008. Effective Biosurfactants Production by *Pseudomonas aeruginosa* and its test efficacy on different oils. National Seminar of The Present Scenario in Biodiversity, Biotechnology and Environmental Management, on 6 – 7 March, 2008, held at Department of Biotechnology, Botany and Environmental Science, J.J. College of Arts and Science, Pudukkottai, Tamil Nadu
29. Muthezhilan, R, **N. Yogananth**, S. Jayalakshmi and T. Balasubramanian. 2007. Dye degrading mycoflora from industrial effluents. 5th National conference of Indian Association of Applied Microbiologists (IAAM) on Emerging Trends and evolving technologies in applied microbiology with special reference to microbial nanotechnology, On 11– 12 January , 2007, held at Department of Microbiology, Sri Sankara arts and science college, Kanchipuram, Tamil Nadu.

Conference/ Workshop/ FDP attended

S. No	Name of the event	Venue	Year
Refresher course			
1	Center for Faculty Development (CFD) of AIB, Chennai, Tamilnadu sponsored a FDP on certificate course on bionanotechnology	Association of Indian Biologist (AIB), Chennai	15 th – 20 th Jan, 2020
2	Indian Academy of Sciences sponsored “Refresher course (two week) on Modern biotechnology tools for sustainable agriculture	Department of botany, Periyar University, Salem.	13 th – 26 th Feb, 2019.
3	AICTE sponsored Short Terms Course (one week) on “Current Scenario in Nano and Biotechnological Applications (CSNBA2018)”	Department of Chemical Engg, Coimbatore Institute of Technology, Coimbatore	2 nd to 8 th April, 2018.
FDP			
1.	3 days FDP – ICT Academy – Creative thinking	Mohamed Sathak College of Arts and Science, Chennai	18 th - 20 th July, 2023

2.	FDP on ICT Academy BRIDGE 2023 - Chennai Edition (A High Impact Industry-Institute Interaction Event of India)	Chennai Trade Centre, Chennai	14 th March 2023
3.	2 days FDP on Intellectual Property Rights	Department of Nuclear Physics, University of Madras, Guindy campus, Chennai- 25	28 th -29 th March 2022
4.	8 Days FDP on "Adoptive Approaches for Modern Teaching and Research,	Centre for Research and Development & Institution's Innovation Council, SNMV College, Coimbatore	15 th – 23 rd Oct, 2021.
5.	One day FDP on Quality Assurance and Sustenance in Higher education,	IQAC Cell, Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai	30 th January, 2019.
6.	FDP conducted by Indian Institute of Logistics	Mohamed Sathak College of Arts and Science, Chennai	10 th Dec 2016
7.	FDP on Creative thinking	ICT academy of Tamilnadu - KRMMC, Adyar, Chennai	November 2016
8.	FDP on Emotional Intelligence conducted by ICT academy of Tamilnadu	Mohamed Sathak College of Arts and Science, Chennai	28 th and 29 th July 2016
Conference			
1.	Climate Change, Food Security and Biodiversity	Dept of Biotech, KRMMC, Chennai	6 th Sep, 2019
2.	Organic farming for sustainable agriculture	School of Agriculture, PRIST University, Thanjavur	29 th March, 2019,
3.	National Science Day celebration on Some perception on Science	Tamilnadu Science Forum, Chennai	1 st March 2019
4.	Two days National Conference on Modern Biological Sciences	Dept of Biosciences, SNMV College, Coimbatore	28.29 th Jan, 2019.
5.	DBT sponsored 16 th National Conference of IAAM on Human Microbiome in personal medicine – Bridging Humans & Microbes for future sustainability	Faculty of life sciences, JSS University, Mysuru,	27 th -28 th Sep, 2018.
6.	One day National Symposium on Biodiversity perspectives	PG and Research Department of Zoology and IQAC, Hajee Karutha Rowther Howdia College, Uthamapalayam, Theni	20 th Sep, 2018.
7.	International Conference on Emerging Areas of Biotechnology for Human Welfare and Bio-entrepreneurship,	School of Life Science, B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai,India	11-12 Sep,2018.
8.	National Conference on Interdisciplinary Research and Innovations In Biosciences, (NATCON-2018)	PG & Research Department of Biochemistry, Mohamed Sathak College of Arts and Science, Chennai, India	24-25 th Jan 2018.
9.	15 th Annual National level conference on Microbes across boundaries	Dept of Microbiology and IAAM, Vivekananda College of Arts and Science for women, Tiruchengode.	22 nd and 23 rd Sep 2017
10.	Attended NBA and TNSCST sponsored seminar on Environmental Toxicology and its impact on Biodiversity	Department of Biotechnology, KRMMC, Chennai,	01 st Sep 2017
11.	One day seminar on Quality improvement and sustenance in higher education	IQAC, Mohamed sathak College of Arts and Science, Chennai	23 rd . Feb 2017
12.	National conference on Biodiversity, Biology and Biotechnology of Algae (NCBBBA-2017)	CAS in Botany, University of Madras, Chennai	9-10 th Jan 2017
13.	Silver jubilee National Conference on Algal Biology and Biotechnology (NCABB – 2016).	Dept of Biotechnology, University of Madras, Chennai and Krishnamurthy Institute of Algalogy (KIA), Chennai	24-26 th Nov, 2016,
14.	14 th National conference of IAAM on Transitional and translational in biological sciences,	Department of Microbiology, Dr. NGP Arts and Science College, Coimbatore	9 th -10 th Sep, 2016
15.	National seminar on Current, past and future scenario in applied sciences	School of sciences, Tamilnadu Open University, Chennai.	29 th July, 2016
16.	National conference on herbal technology – past, present and future,	Department of Biotechnology, Alpha arts and Science College, Chennai.	12 th Jan, 2016
17.	13 th National level seminar of IAAM on “Sustainability, Challenges and Advances in Biological Sciences”	Dept of Biological Sciences, Muthayammal College, Rasipuram	18-19 th Dec, 2015
18.	National level seminar on “Recent trends in Bioprospecting of marine resources: opportunities and challenges	Department of Marine Biotechnology, AMET University, Chennai	28 th Feb, 2015
19.	IAAM conference on “Global trends and challenges in biosciences”	Dept of Microbiology, Dr. MGR Janaki College, Chennai	5-6 th Dec, 2014.
20.	6 th National conference on “Beyond the frontiers in science and technology	The Oxford College of Science, Bangalore, Karnataka - 560102.	27 – 28 th Mar, 2014
21.	National conference on “Bioactive compounds and	The Oxford College of Science,	27 – 28 th

	therapeutics,	Bangalore, Karnataka - 560102.	Feb, 2012
22.	Molecular innovations in Food processing and food safety management and Awareness programme on carrier prospects and business opportunities in food processing.	NIFTEM, IICPT and The Oxford College of Science, Bangalore, Karnataka - 560102	5 – 6 th April, 2010
23.	International conference on food technology	Indian Institute of Crop Processing Technology, Thanjavur Tamil Nadu, India	30.31 st Dec 2010.
24.	Recent trends in chemical signaling organized by center for Pheromone technology	Department of animal sciences, Bharathidasan University, Tiruchirappalli,	2 nd Feb, 2009.
25.	Prospects & Challenges of Green medicine in Health security of rural population in India,	Dept of Biochemistry and Microbiology, JJ College, Pudukkottai.	Aug 2008
26.	Phytomedicines for Human health care,	Tamil Nadu scientific research organization, Arimalam, Pudukkottai,	Nov 2008,
27.	National conference on recent trends in Mycological research,	Department of Botany, Microbiology and Gene technology, JJ College Pudukkottai,	Dec 2006,
28.	Microfeast 2003, National level Scientist meet,	Department of Microbiology, Sengunthar arts and Science College, Tiruchengode,	Jan 2003,
29.	National seminar on Biotechnology of Transgenics: Scientific progress and social issues.	Department of Biotechnology, Alagappa University, Karaikudi, Tamil Nadu, India.	July 2003,
30.	Microfeast 2003, The golden Jubilee year of DNA,	Department of Microbiology, Sengunthar arts and Science College, Tiruchengode,	Dec 2003,

Work shop

1.	International Workshop on “ Artificial Intelligence in Bioinformatics & Drug Discovery”	Mohamed Sathak College, Chennai	14.08.2019
2.	Workshop on Fermentation technology	Department of Bioscience and Research, SNMV College, Coimbatore -	20/08/2015
3.	Workshop on Water and wastewater analysis (WWWA)	Department of chemical engineering, SSN College of Engineering, Chennai.	12 th June, 2015
4.	Indo-UK joint lecture workshop on “Small molecule discovery and chemical biology	Centre for Nanoscience and nanotechnology, Sathyabama University, Chennai - 119.	4 th February 2015,
5.	Workshop on radiation biology and its applications	IGCAR, Kalpakkam and Department of Biosciences, Mohamed Sathak College, Sholinganallur, Chennai	30 th June, 2014,
6.	Attended training on identification, cultivation of medicinal plants and Nursery techniques on Horticultural crops	ABS botanical conservation research and training centre, Kaaripatti, Salem.	Oct 2010,

Chairperson/Guest lecture

S. No	Conference / Topic /	Institute	Year
Resource person/ Chairperson			
1.	10 th star summit	Saveetha Dental College and Hospitals, Chennai	12 th June 2023
2.	13 th National Conference on novel biotechnological approach to the society (SyMBioS'20)	Department of Biotechnology, SNMV College of Arts and Science, Coimbatore.	23 rd and 24 th , Jan 2020,
3.	National conference on Impact of Biotechnology in improving human health	Department of Biotechnology, SRM arts and Science College, Chennai –	27 th Sep, 2019
4.	National conference on Biotechnological advances in Biomedical, Environmental and Agricultural technology	Department of Biotechnology, Hindustan College, Kelambakkam, Chennai,	13 th Sep, 2019
5.	TNSCST and Department of Higher Education, Govt of Tamilnadu sponsored Young Students Scientist Programme – 2019.	Mohamed Sathak College of Arts and Sciences, Sholinganallur, Chennai	2-16 th May, 2019
6.	Two days National Conference on Modern Biological Sciences	Department of Biosciences and research, SNMV College, Coimbatore	28 th and 29 th Jan, 2019
7.	Vettukku oru vignani (Science & Maths Exhibition) Sponsored by Puthiya thalaimuarai channel	GTA Vidya Mandir, Neelangarai, Chennai.	04 th Nov, 2018
8.	Two days National Conference on Modern Biological Sciences	Department of Biosciences and research, SNMV College, Coimbatore,	20 th Feb, 2017
9.	9 th National conference on Modern Biological Sciences	Department of Biosciences and research, SNMV College, Coimbatore,	12 th Feb, 2016
10.	Vigyana Pradarshini (Science & Maths Exhibition)	Dr.N.K.V.Vr.College, Korattur, Chennai.	07.10.2015
11.	Students Science Awareness Training Programme,	Department of Microbiology, Kanchi Shri Krishna College of Arts and Science, Kilambi, Kanchipuram	
12.	National Level Conference on Advances in Marine Bio Science & Technology Current Status, Prospects &	Department of Biotechnology, AMET University, Chennai.	14 th March, 2014.

Challenges			
Guest lecture			
1.	Micropropagation and synthetic seed production	Department of Biotechnology, Prince Shri Bhavani College of Arts and Science, Medavakkam, Chennai - 100,	11 th Feb, 2020.
2.	Micropropagation and its applications	Department of Biotechnology, Arulmigu Meenakshi Amman College of Engineering, Vadamavandal, Near Kanchipuram, Tiruvannamalai	16 th March 2015.

Examiner/Thesis evaluation/Question paper setting

S. No	Examiner	University	Year
PhD			
1	PhD public viva voce examiner	Department of Biotechnology, Dr. MGR Educational and Research Institute, Chennai	2015
2	PhD public viva voce examiner	Department of Microbiology, Meenakshi Academy of Higher Education and Research, Chennai	2023
M.Sc			
1	UG and PG practical examiner	Dept of Industrial Biotech, BIST, Bharath University, Chennai	2023
		Dept of Biotechnology, Saveetha Engineering College	2019
		Sri Sankara Arts and Science College, Kanchipuram	2014, 2019, 2022, 2023
2		Department of Marine Biotechnology, AMET University, Chennai	2015, 2019, 2021, 2022
3		Dept of Biotechnology, DG Vaisanav College, Arumbakkam, Chennai	2020, 2022, 2023
4		Department of Biotechnology, Hindustan College of Arts and Science, Coimbatore	2019, 2022
5		Department of Biotechnology, Guru Nanak College, Chennai	2019
6		Department of Biotechnology, SRM Arts and Science College, Chennai	2020, 2023
Thesis evaluation			
1	PhD Thesis	Department of Microbiology, Meenakshi Academy of Higher Education and Research, Chennai	2022
2	M.Phil thesis	Department of Microbiology, PSG Arts and Science College, Coimbatore	2021
3	Ph.D thesis	Department of Biotechnology, Dr. MGR Educational and Research Institute, University, Chennai	2015
Question paper setting			
1	Question paper setter	Sri Sankara Arts and Science College, Kanchipuram	2015 to till
2		Department of Marine Biotechnology, AMET University, Chennai	2014
3		Dept of Biotechnology, DG Vaisanav College, Arumbakkam, Chennai	From 2016
4		Department of Biotechnology, Guru Nanak College, Chennai	2019
5		SriKrishna Arts and Science College, Coimbatore	2017 to till
6		Sathyabama University, Chennai	2014
7		Periyar University, Salem,	2015
8		Thiruvalluvar University, Vellore	2015

Membership in professional bodies

Role	Professional bodies
Life member	Indian Association of Applied Microbiologists (LM – 315)
Member	Asian Council of Science Editors (91.2037)
	Asia-Pacific Chemical, Biological & Environmental, Engineering Society (APCBEEES) – (202145)
	International Society for Applied Life Sciences (ISALS) (2015 – 18031982)
	International Scientific Committee of Biotechnology and Bioengineering
Editor-in-chief	Research Journal of Medicinal Plants
Associate Editor	Asian Journal of Biological Sciences
	Research Journal of Microbiology
	Journal of Applied Sciences

	Singapore Journal of Scientific Research
	International Journal of advanced research in biological sciences
Advisory board member	Journal of Current Research in Chemistry and Pharmaceutical Sciences
	International Journal of advanced multidisciplinary research
Reviewer	International Journal of Pharma and Bio Sciences
	Journal of Plant Sciences
	Asian Journal of Advanced Research and Reports
	Asian Journal of Applied Chemistry Research
	Asian Journal of Physical and Chemical Sciences
	Chemical Science International Journal
	European Journal of Medicinal Plants
	International Journal of Environment and Climate Change
	International Journal of Plant & Soil Science
	Journal of advances in biology and biotechnology
	Journal of Advances in Microbiology
	Journal of Experimental Agriculture International
	Journal of International Research in Medical and Pharmaceutical Sciences
Journal of Materials Science Research and Reviews	
Journal of Pharmaceutical Research International	

References

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