D.D.G.D. VAISHNAV COLLEGE (AUTONOMOUS)

1	Name	Dr. M.D. BalaKumaran
2	Designation	Assistant Professor & Head
3	Department	Post Graduate Department of Biotechnology
4	Employee Id	EC04002
5	Date of Birth	26.12.1982
6	Gender	Male
7	Date of	10.06.2016
	Appointment in this	
	institution	
8	Experience in this	6.5 Years
	institution	
9	Official Mail Id	balakumaran@dgvaishnavcollege.edu.in
10	Blood Group	A1B Positive

11	EDUCAT	ION DETAILS (from high	nest qualification):		
S.No.	Degree	Institution	University	Year of study	Grade/Class
1.	Ph. D.,	Centre for Advanced	University of	2012-2015	Highly
		Studies in Botany	Madras		commended
2.	SET	Mother Teresa Women's	Mother Teresa	20016	-
		University	Women's		
			University		
3.	M. Phil.,	Bharathidasan	Bharathidasan	2006-2008	1st Class
		University	University		with
					Distinction
4.	P.G.	Loyola Institute of	Loyola College	2005-2006	1st Class
	Diploma	Vocational Education			with
	-				Distinction
5.	M. Sc.,	Asan Memorial College	University of	2003-2005	2nd Class
		of Arts and Science	Madras		

12	Details of ORIENTATION/REFRESHER COURSES attended:						
S.No.	Orientation/Refresher	University/Institution	Duration	Date (from-to)			
1.	One week "Faculty	"Internal Quality Assurance	7 days	21.112018			
	Orientation Programme"	Cell", D.G.Vaishnav College,		to			
		Arumbakkam, Chennai		27.11.2018			
2.	National Level "Orientation	Department of Biotechnology,	1 day	03.02.2011			
	Program for Designing	AMET University, Chennai					
	Doctoral Research"						

13	Details of SEMINARS, CONFERENCES, WORKSHOPS, FDPs etc. attended:				
	Туре	Theme			
S.No	(Regional/	(Workshop/Conference/	Organized by	Duration	Date
	National/	Seminar/FDP)			

nal)		Internatio				
Development Program (FDP) on Recent Advances in Science, Technology, Engineering and Mathematics (STEM)"Health Sciences, REVA University-2.Emerging Techniques in Biomedical Instrumentation-ETBI- 2021Koneru Lakshmaiah Education1 Week28.06.2021 03.07.20213.International Pevelopment Program on Novel Materials for Energy and Biomedical (Covid-19) Healthcare ApplicationDepartment of Science & Humanities, M.Kumarasamy College of Engineering (Autonomous), Karur6 days11.05.2020 & 8.10.5.20204.NationalThree Day National Level Faculty Development Programme on 'Recent Trends In Artificial Intelligence And Impact On Teaching Professionals'Science & Humanitam College of Arts & Science, Management, Rathnavel3 days22.04.2020 To5.NationalNational Workshop on "Good Laboratory Practices"Department of Engineering (Autonomous, College of Arts & Science, Science, Management, Rathnavel3 days22.04.2020 To5.NationalNational Workshop on "Good Laboratory Practices''Department of Science, Autonomous, College, Chennai.2 days 0.02.2018& 10.02.2018 College, Chennai.6.NationalParticipated in 7-days Workshop on 'Textlies''s sponsored by UGC and MHRDDepartment of Textlies''s ponsored by Technology, Anna University,2 days 2 0.03.106		,				
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				Chennai.		

14	Details of Papers published in CONFERENCES/attended Conferences:					
S. No	Type (Regional/Nat ional/ International)	Name of the Conference	Name of the paper presented/Attended	Organized by	Date	
1.	International	International	Potential Use Of	Department	22.12.20	
		Conference on	Halophilic Bacteria For	of	22 &	
		"Biotechnological	The Production Of	Biotechnolo	23.12.20	
		Emergence in	Primal And Secondary	gy,	22	

		Science and Technology"	Metabolic Metabolites	SRMIST, Chennai	
2.	International	(ICBEST - 2022) International virtual conference on Recent Advances in Biotechnology and Environmental Health Research	Bioactive potential of Halophilic bacteria for the production of primary and secondary metabolites	Department of Biotechnolo gy, CSH, SRMIST, Ramapuram Campus	28.10.20 21 & 29.10.20 21
3.	International	International E- Conference 2021 on Novel Biotechnological Approach to Sustain in Pandemic Scenario	Isolation, characterization and antimicrobial potential of Streptomyces sp. from soil and a study on its antibacterial activity against clinical pathogens	Dept. of Biotechnolo gy & Research, SNMV College	15.09.20 21- 17.09.20 21
4.	International	International E- Conference 2021 on Novel Biotechnological Approach to Sustain in Pandemic Scenario	Effect of sand dune plant extracts against primary fouling marine organisms	Dept. of Biotechnolo gy & Research, SNMV College	15.09.20 21- 17.09.20 21
5.	International	International Web Conference on Advanced Materials Science and Engineering (ICA MSE – 2020) during Sept ember 11-12, 2020.	Synergetic antibacterial efficacy of bacteriocin with chitosan and silver nanoparticles as a potential biopreservative	Department of Physics, Bannari Amman Institute of Technology (BIT), Sathyamang alam	11.09.20 20 to 12.09.20 20
6.	International	Virtual conference on Aquaculture Techniques and Disease Management ATDM 2020	Exploring the bioactive potential of halophilic bacteria for multienzyme, polyhydroxy butyrate production and removal of hexavalent chromium from aqueous solution	Centre for Ocean Research at Col. Dr.Jeppiaar Research Park,Sathya bama Institute of Science and	14.09.20 20 to 17.09.20 20

7.	National	National Conference on Recent Advances in Chemical Research, SRM Institute of Science & technology	Biodegradation and Bioremediation of reactive red using Bacillus subtilis isolated from oil contaminated soil sample	Technology, Chennai, Tamilnadu Department of Chemistry, SRM Institute of Science and Technology, Ramapuram	12.09.20 19
8.	International	International Conference on Current Research and Developments in Microbiology	Biosorption Studies Of Aspergillus Niger Dead Biomass Against Hexavalent Chromium Ions	, Chennai Department of Microbiolog y, Saveetha Dental College, Chennai	03.08.20 19
9.	International	International Conference on Current Research and Developments in Microbiology	Applications of microbial biopolymer in food packaging industry	Department of Microbiolog y, Saveetha Dental College, Tamil Nadu	03.08.20 19
10.	National	7th National Conference on Emerging trends and New Challenges in Biotechnology - Advances in Bioplastics (NCETNCB- 2019)	Microbial production of polyhydroxybutyrate using fruit peel waste – An economical aspect	PG and Research Centre in Biotechnolo gy, MGR College, Hosur, Tamil Nadu.	30.01.20 19 & 31.01.20 19
11.	International	3rd International Conference on Recent Trends in Microbiology (RTM-2019)	Microbial removal of hexavalent chromium ions using Aspergillus niger isolated from oil contaminated soil	Department of Microbiolog y, Algappa University, Karaikudi, Tamil Nadu	24.01.20 19 & 25.01.20 19
12.	International	"Emerging Trends in Commerce, Management, Economics,	Bacterial decolorization of the reactive red, textile Dyes using Bacillus subtilis isolated from soil	Tagore College of Arts and Science, Tamil Nadu.	02.02.20 18

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		Computer	sample and its		
		Science and	phytotoxic studies		
		Microbiology			
		(ICETCMECM			
		2018)"			
13.	National	National	Biosorption of	PG and	30.01.20
		Conference on	hexavalent chromium	Research	18 &
		"Recent Trends &	using Aspergillus niger	Department	31.01.20
		Development in	and its optimization	of	18
		Health and	studies	Biochemistr	
		Chemical		у &	
		Sciences		Department	
				s of	
				Microbiolog	
				у,	
				Chemistry	
				and	
				Psychology,	
				Bhaktavatsa	
				lam	
				Memorial	
				College for	
				Women,	
				Chennai,	
				Tamil Nadu	
14.	International	International	Utilization of agro food	PG and	11.10.20
		Conference on	residues for the	Research	17
		"Food	production of	Department	
		Microbiology and	biodegradable polymer	of	
		Food Safety -	using	Microbiolog	
		Upcoming	polyhydroxybutyrate	y, DG	
		Changes,	accumulating bacteria	Vaishnav	
		Technologies &		College,	
		Emerging Risks"		Tamil Nadu.	
15.	National	10th NABS-	Antibacterial activity of	Bharathiar	07.09.20
		National	silver nanoparticles	University,	17 &
		Conference on	using Aspergillus	Coimbatore,	08.09.20
		"Recent trends in	terreus and the	Tamil Nadu	17
		Life Science:	biosorption ability of		
		Research,	A. terreus dead		
		Practices and	biomass for the		
		Application for	removal of silver		
		Sustainable	nanoparticles		
16	NT-4: 1	Development	A	D 1	20.07.20
16.	National	One day National	Antimicrobial	Research	28.07.20
		Seminar on	evaluation of cotton	Department	17
		"Awareness on	fabrics coated with	of Mianahialag	
		Pathogen	biologically	Microbiolog	
		Carriage, Prevention and	synthesized silver nanoparticles	y, M.R. Government	

		Personal Health		Arts	
		Promotion among		College,	
		rural adolescent		Mannargudi	
		learners of higher		, Tamil	
		education"		Nadu	
17.	National	3rd National	Removal of hexavalent	Department	19.08.20
		Conference on	chromium using metal	of	16
		"New	resistant fungi isolated	Chemistry,	
		Renaissance in	from tannery industry	Faculty of	
		Chemical	waste water	Science and	
		Research	waste water	Humanities,	
		(NCNRCR -		SRM	
		2016)"		Institute of	
		2010)		Science and	
				Technology,	
10	NT / 1		0 1 0 1 0 1	Tamil Nadu	11.02.20
18.	National	National	Screening of soil fungi	Centre for	11.02.20
		Conference on	for silver nanoparticles	Advanced	16 &
		"Challenges and	synthesis and their	Studies in	12.02.20
		Opportunities in	antimicrobial activity	Botany,	16
		Mycological	against human	University	
		Research"	pathogens	of Madras,	
				Chennai,	
				Tamil Nadu	
19.	National	One-day National	Mycosynthesis of silver	Research	30.01.20
		Seminar on	nanoparticles using	Department	15
		"Contemporary	Aspergillus niger and	of	
		Molecular	their antibacterial	Microbiolog	
		Techniques and	activity against	y, M.R.	
		their Potential	Methicillin Resistant	Government	
		Applications in	Staphylococcus aureus	Arts	
		Current Applied		College,	
		Biology"		Mannargudi	
				, Tamil	
				Nadu.	
20.	International	International	In vitro cytotoxicity	Departmen	07.10.20
		Conference on	assessment of silver	t of	14 &
		"Innovations and	nanoparticles	Pharmaceu	08.10.20
		Future Research	synthesized using	tical	14
		Dimensions on	Aspergillus terreus	Technolog	11
		Nano	against breast cancer	y, Anna	
		Biopharmaceutica	cell line	University,	
		l Technology		BIT	
		i i cennology		Campus,	
				Tiruchirap	
				palli,	
				Tamil	
21.	International	International	Diological complexity of	Nadu.	21.07.20
21.	international		Biological synthesis of	Department	
		Seminar on	silver nanoparticles	of	14

		1
"Nanobiotechnol using Aspergillus	Biotechnolo	
ogy in Cancer terreus and its in vitro	gy, Periyar	
Research" cytotoxic effect on	University,	
human cervical cancer	Salem,	
cell line	Tamil Nadu	
22. National National Seminar Utilization of fruit	Department	27.08.20
on "Challenges waste extracts for PHB	of	14
for production using	Microbiolog	
Microbiologists' Bacillus subtilis and its	y, Periyar	
to become Bio- textile dye	University,	
Entrepreneurs" decolourization studies	Salem,	
	Tamil Nadu.	
23. National National Antifungal activity of	Centre for	19.02.20
Conference on siver nanoparticles	Advanced	14 &
"Recent synthesised from	Studies in	20.02.20
Advances in Aspergillus niger	Botany,	14
Algology,	University	
Mycology and	of Madras,	
Plant Pathology"	Chennai.	
24. National National Mycogenic synthesis of	VIT	23.12.20
Conference on silver nanoparticles	University,	13 &
"Challenges in using Aspergillus	Vellore,	24.12.20
Biomaterials terreus and its potency	Tamil Nadu.	13
Research" against Methicillin		
Resistant		
Staphylococcus aureus		
25. National National Seminar Fungus mediated	Department	13.03.20
on "Current synthesis of silver	of	13 &
Perspectives of nanoparticles by	Microbiolog	14.03.20
Fungi in Health Aspergillus terreus and	y and	13
Care and evaluation of	Biotechnolo	
Environment" antibacterial activity of	gy,	
silver nanoparticles		
coated cotton fabrics	Bangalore	
	Bangalore University,	
	-	
26. International Second Biological synthesis of	University,	28.01.20
26. International Second Biological synthesis of silver nanoparticles	University, Bangalore.	28.01.20 13 to
	University, Bangalore. Anna	
International silver nanoparticles	University, Bangalore. Anna University,	13 to
Internationalsilver nanoparticlesWorkshop onusing Aspergillus"Advancedterreus and its	University, Bangalore. Anna University,	13 to 30.01.20
Internationalsilver nanoparticlesWorkshop onusing Aspergillus"Advancedterreus and its	University, Bangalore. Anna University,	13 to 30.01.20
Internationalsilver nanoparticlesWorkshop onusing Aspergillus"Advancedterreus and itsFunctionalantibacterial potential	University, Bangalore. Anna University,	13 to 30.01.20
Internationalsilver nanoparticlesWorkshop onusing Aspergillus"Advancedterreus and itsFunctionalantibacterial potentialNanomaterials"of silver nanoparticles	University, Bangalore. Anna University,	13 to 30.01.20
Internationalsilver nanoparticlesWorkshop onusing Aspergillus"Advancedterreus and itsFunctionalantibacterial potentialNanomaterials"of silver nanoparticlescoated cotton fabrics	University, Bangalore. Anna University, Chennai	13 to 30.01.20 13
International Workshop on "Advancedsilver nanoparticles using Aspergillus terreus and its antibacterial potential of silver nanoparticles coated cotton fabrics27.NationalNationalCarbon sequestration	University, Bangalore. Anna University, Chennai Centre for	13 to 30.01.20 13 16.02.20
Internationalsilver nanoparticlesWorkshop onusing Aspergillus"Advancedterreus and itsFunctionalantibacterial potentialNanomaterials"of silver nanoparticles27.NationalCarbon sequestrationConference onby microalgae – A	University, Bangalore. Anna University, Chennai Centre for Advanced	13 to 30.01.20 13 16.02.20 12 &
International Workshop on "Advancedsilver nanoparticles using Aspergillus terreus and its antibacterial potential Nanomaterials"27.NationalNational Conference on "RecentCarbon sequestration by microalgae – A plausible solution	University, Bangalore. Anna University, Chennai Centre for Advanced Studies in	13 to 30.01.20 13 16.02.20 12 & 17.02.20
International Workshop on "Advancedsilver nanoparticles using Aspergillus terreus and its antibacterial potential of silver nanoparticles coated cotton fabrics27.NationalNational Conference on "Recent Advances inCarbon sequestration by microalgae – A plausible solution	University, Bangalore. Anna University, Chennai Centre for Advanced Studies in Botany,	13 to 30.01.20 13 16.02.20 12 & 17.02.20
International Workshop on "Advancedsilver nanoparticles using Aspergillus terreus and its antibacterial potential of silver nanoparticles coated cotton fabrics27.NationalNational Conference on "Recent Advances in AlgalCarbon sequestration by microalgae – A plausible solution	University, Bangalore. Anna University, Chennai Centre for Advanced Studies in Botany, University	13 to 30.01.20 13 16.02.20 12 & 17.02.20

		~ ^		.	
		Conference on	processing wastes for	Institute of	11 &
		"Career and	biopolymer production	Crop	25.06.20
		Research Trends		Processing	11
		in Food		Technology,	
		Processing"		Thanjavur,	
				Tamil Nadu.	
29.	International	International	"Carbon sequestration	P.G. and	17.02.20
		Conference on	by microalgae – An	Research	11 to
		"Recent Trends in	Innovative trajectory"	Department	18.02.20
		Life Sciences"		of Zoology,	11
				Holy Cross	
				College,	
				Tiruchirapp	
				alli, Tamil	
				Nadu.	
30.	International	International	"Biosolids - A	National	25.11.20
		Conference on	prospective energy	Environmen	10 &
		Bio-energy from	source"	tal	26.11.20
		Wastes: Green		Engineering	10
		chemistry		Research	
		intervention		Institute,	
				Nagpu	
31.	International	International	"Carbon sequestration	Department	28.10.20
		Seminar on	by microalgae – A	of	10 &
		"Microbes -	plausible solution"	Microbiolog	29.10.20
		Elixir of Life"		y, Dr. MGR	10
				Janaki	
				College of	
				Arts and	
				Science for	
				Women,	
				Chennai	

15	Details of visit as a RESOUR	CE PERSON:		
S.No	Type (Guest Lectures,Workshops,Confe rences Or Seminars/ Ph.D, Viva-voce Examination)	Type (Guest Lectures,Workshops,Confe rences Or Seminars/ Ph.D, Title		Date
1.	1st International Symposium	Invited Speaker -	Tecno Scientifica	26.11.2021
	on Chemical and	Utilization of	and Biointerface	
	Environmental	biosolids as carrier	Research in	
	Engineering 2021 (ISECE 20	material for	Chemistry.	
	21)	sustainable		
		agriculture		
2.	National Level Virtual	Invited Speaker -	Department of	17.11.2021
	Program on "World	Silver	Sciences, St.	
	Antimicrobial Awareness	Nanoparticles and	Mary's College,	

	Week" organized by the	its Antimicrobial	Hyderabad,	
		Approach	Telangana	
3.	Project MANAV – The	MANAV	-	September,
	Human Atlas Initiative	Scientific Reading		2021 to
		and		October,
		Comprehension		2021
		Self-Assessment		
		Module (for students)"		
4.	International virtual	Chairperson	Department of	28.10.2021
ч.	conference on Recent	Champerson	Biotechnology,	&
	Advances in Biotechnology		CSH, SRMIST,	29.10.2021
	and Environmental Health		Ramapuram	27.10.2021
	Research		Campus	
5.	National Webinar	Invited Speaker -	Department of	27.10.2020
		Basics Of Cancer	Biotechnology,	
		Cell Culture	SRM College of	
		Techniques	Science and	
			Technology,	
	True dans Netlevel 11	One estat	Chennai Department of	02.00.2010
6.	Two days National workshop on "Basic Molecular	Organizing	Department of	03.09.2019
	Techniques in	Secretary	Biotechnology, D.G. Vaishnav	- 04.09.2019
	Biotechnology" (NWMTB-		College, Chennai.	04.09.2019
	2019)		conege, chemiai.	
7.	National Seminar on	Organizing	Department of	28.02.2018
	"Biotechnological	Secretary	Biotechnology,	
	approaches towards		D.G. Vaishnav	
	sustainable future" (NSBA-		College, Chennai.	
8.	2018) International Conference on	Chairmaraan	Tagora Collaga of	02.02.2018
0.	Emerging Trends in	Chairperson	Tagore College of Arts & Science,	02.02.2018
	Commerce, Management,		Chennai	
	Economics, Computer		Chemina	
	Science and Microbiology			
9.	National Level	Invited Speaker -	Jairam Arts &	22.11.2017
	Intercollegiate Meet on	Nano	Science College,	
	"Upshot of Nano	Biotechnology and	Salem, Tamil	
	Biotechnology in Biological	its application"	Nadu	
	Science – A Short Hookup"			22.00.2012
10.	National Workshop on	Resource Person	Centre for	25.09.2012
	"Nanobiotechnology and Molecular Biology - 2012"		Advanced Studies	to 28.09.2012;
	Molecular Blology - 2012		in Botany, University of	28.09.2012, 27.11.2012
			Madras, Chennai.	to
			mauras, Chemidi.	30.11.2012;
				11.12.2012
				to
				14.12.2012.
11.	Training program on	Resource Person	Centre for	09.02.2012

	"Standardization and		Advanced Studies	to
	Determination of Cost-		in Botany,	15.02.2012
	effective Agricultural Inputs		University of	
	for Sustainable Farming by		Madras, Chennai.	
	Selected Farmers for Income			
	Generation"			
12.	National Workshop on	Resource Person	Centre for	06.07.2011
	"Nanobiotechnology and		Advanced Studies	to
	Molecular Biology - 2011"		in Botany,	09.07.2011;
			University of	06.09.2011
			Madras, Chennai.	to
				09.09.2011;

16	Details of publication of	Articles/ Chapters written in	EDITED BOO	DKS:
S.No	Book Name	Title of Articles/Chapters	Name & Address of the Publisher	Month & Year of Publication
1.	Microbes and	Microalgal adsorption of	Elsevier	2022
	Microbial	carbon dioxide: a green		
	Biotechnology for	approach,		
	Green Remediation			
2.	Advances in	Bioremediation of Tannery	Springer,	2022
	Bioremediation and	Effluent Contaminated Soil:	Cham	
	Phytoremediation	A Green Approach.		
	for Sustainable Soil			
	Management.			
3.	Fundamentals on	Microbial Phosphorus	Bharti	2021
	Plant and Soil Microbial	Solubilization and	Publications	
	Interactions	Its Role in Enhancing the		
	(Theory and Practice)	Growth of		
		Vigna unguiculata		
4.	Modern Methods in	Cancer chemopreventive	Daya	2015
	Phytomedicine	effects of garlic-derived	Publishing	
		second generation	House, New	
		organosulfides: An	Delhi, India	
		overview.		

17	Details of individual/collaborative MAJOR/MINOR research project undertaken:							
S.No	Title of the Project	Name & Address of the Collaborating Faculty	Funding Agency	Fund Sanctioned	Period	Duration		
Nil	Nil	Nil	Nil	Nil	Nil	Nil		

18	Details on RESEARCH GUIDANCE:					
S.No	Type (FT/PT)Name of the candidateTitle of the DissertationUniversityStatus					
Nil	Nil	Nil	Nil	Nil	Nil	

19	Details of	papers publ	ished in JOURNAL	/S:			
S. No	Journal Type (Nationa l/Interna tional)	Name of the Journal	Title of the article	Name of the Co-authors	Vol No,Issue No,Page Nos.ISSN No/DOI	Mont h and year of Publi catio n	Impa ct Fact or/S CI/S copu s (if any)
1.	Internatio nal	Jundishap ur Journal of Microbiol ogy	<i>Streptomyces</i> sp Isolated from Vermicasts: Statistical Optimization of Culture Conditions for the Production of Bioactive Compounds	P.Vidya, S. Jagadeeswari, U. Sharmila, M.D.Balakum aran	15 (1), Pg.No: 2164-2171 ISSN: 2008-3645	May, 2022	0.82
2.	Internatio nal	Trends in Sciences	In Silico Molecular Interaction Analysis and Pharmacokinetic Profiling of Flavonoids from Catharanthus roseus (Flower) Against TXNIP Protein	RRNS Pushpa, KS Babulal, R Kumaran, G Shoba, MD Balakumaran	20 (1), 6394-6394	2022	-
3.	Internatio nal	Internatio nal Journal of Phytorem ediation	Integrating eco- technological approach for textile dye effluent treatment and carbon dioxide capturing from unicellular microalga Chlorella vulgaris RDS03: a synergistic	Silambarasan T.S., BalaKumara n M.D., Ravikumar C., Sanjivkumar M., Dhandapani R. and Sendilkumar B	pp.1-17 /https://doi. org/10.108 0/15226514 .2022.2090 497	2022	IF: 3.968

			method.				
4.	Internatio	Chemosp	A review on the	Ramachandran	292,	2022	IF:
	nal	here	toxicity of silver	R., PeiPei H.,	p.133397/		8.943
			nanoparticles	Krishnaraj C.,	https://doi.o		
			against different	BalaKumara	rg/10.1016/		
			biosystems.	n M.D., Soon-	j.chemosph		
			-	Il Y. and Bo L	ere.2021.13		
					3397		
5.	Internatio	Journal of	Structural	Kavitha K.,	1253,	2022	IF:
	nal	Molecular	characterization,	Kumaran R.,	p.132067/		3.841
		Structure	spectral	BalaKumara	https://doi.o		
			investigation and	n M.D.,	rg/10.1016/		
			antimicrobial	Augustine	j.molstruc.2		
			studies Of	Arul Prasad T.	021.132067		
			ZnWO4 and Zn0.	and Vasanthi			
			9Cu0. 1WO4	R			
			nanoparticles				
			synthesized by				
			microwave and				
			sucrose mediated				
			solgel method				
6.	Internatio	Materials	Comparative	BalaKumara	pp.1-11/	2022	IF:
	nal	Technolo	analysis of	n, M.D.,	https://doi.o		3.846
		ву	antifungal,	Ramachandran	rg/10.1080/		
			antioxidant and	, R.,	10667857.2		
			cytotoxic	Balashanmuga	020.185451		
			activities of	m, P.,	8		
			mycosynthesized	Jagadeeswari,			
			silver	S. and			
			nanoparticles and	Kalaichelvan,			
			gold	P.T			
7	T ()	4.65	nanoparticles			2021	IE
7.	Internatio	ACS	Electrochemical	Anupurath S.,	<i>6</i> (46),	2021	IF:
	nal	omega	Investigation and	Vasanthi R.,	pp.30932-		4.132
			Molecular De alvir a	Shoba G.,	30941/https		
			Docking Techniques on	Anju K., Sangaatha	://doi.org/1		
			Techniques on the Interaction of	Sangeetha M.S. Soba	0.1021/acso mega.1c03		
			Acridinedione	M.S., Seba Merin V.,	172 mega. 1005		
			Dyes with Water-	Balakumaran	1/2		
			Soluble	M.D. , and			
			Nonfluorophoric	Kumaran R.			
			Simple Amino	Kumarall K.			
			Acids.				
8.	Internatio	Results in	Photophysical	Sumita, A.,	3,	2021	Scop
0.	nal	<i>Chemistry</i>	and molecular	Shoba, G.,	p.100187/	2021	us
	Inai	Chemistry	docking studies	Selvan, R.T.,	https://doi.o		Inde
			of photoinduced	Anju, K.,	rg/10.1016/		xed
			electron transfer	Balakumaran	j.rechem.20		Acu
			(PET) and non-	, M.D. and	21.100187		
			(FET) and non-	, wi.D . and	21.10010/		

			PET based	Vumoron D			
				Kumaran, R			
			fluorophores of acridinedione				
			derivatives with a				
			glycoprotein:				
0	T ()	G , 1	Ovalbumin	A ' TZ	250	2021	IF
9.	Internatio	Spectroch	Interaction of	Anju, K.,	258,	2021	IF:
	nal	imica	acridinedione dye	Shoba, G.,	p.119814/		4.098
		Acta Part	with a globular	Sumita, A.,	https://doi.o		
		A:	protein in the	Balakumaran	rg/10.1016/		
		Molecular	presence of site	, M.D.,	j.saa.2021.1		
		and	selective and site	Vasanthi, R.	19814		
		Biomolec	specific binding	and Kumaran,			
		ular	drugs:	R.			
		Spectrosc	Photophysical				
		ору	techniques				
			assisted by				
			molecular				
			docking methods.	2			
10.	Internatio	Journal of	Controlling the	Onunga, D.O.,	p.111261/	2020	IF:
	nal	Inorganic	reactivity of [Pd	Bellam, R.,			3.212
		Biochemis	(II)(N^ N^ N)	Mutua, G.K.,			
		try	Cl]+ complexes	Sitati, M.,			
			using 2, 6-bis	BalaKumara			
			(pyrazol-2-yl)	n, M.D.,			
			pyridine ligands	Jaganyi, D.			
			for biological	and			
			application:	Mambanda, A			
			Substitution				
			reactivity, CT-				
			DNA interactions				
			and in vitro				
			cytotoxicity study				
11.	Internatio	RSC	Seven membered	Bellam, R.,	9(55),	2019	IF:
	nal	Advances	chelate Pt (ii)	Jaganyi, D.,	pp.31877-		3.119
			complexes with 2,	Mambanda,	31894/https		
			3-di (2-pyridyl)	A., Robinson,	://doi.org/1		
			quinoxaline	R. and	0.1039/C9		
			ligands: studies of	BalaKumara	RA06488E		
			substitution	n, M.D .			
			kinetics by sulfur				
			donor				
			nucleophiles,				
			interactions with				
			CT-DNA, BSA				
			and in vitro				
			cytotoxicity				
			activities				
12.	Internatio	Internatio	Studies on	Santhi R,	8(3), 379-	2018	-
1	nal	nal	utilization of fruit	Balakumaran	387.		

	1	T 1 0	1	10			
		Journal of	peel extracts for	MD			
		Pharmacy	the production of				
		and	polyhydroxybutyr				
		Biological	ate using Bacillus				
		Sciences	subtilis				
13.	Internatio	Internatio	Screening, partial	Kiran Sharma	8(4), 518-	2018	-
	nal	nal	purification and	В,	528		
		Journal of	characterization	Balakumaran			
		Pharmacy	of antimicrobial	MD, Kirthiga			
		and	compound from	В,			
		Biological	Streptomyces	Jagadeeswari			
		Sciences	rochei SJKS1	S			
			isolated from the				
			seashore soil of				
			Dhanushkodi				
14.	Internatio	The	Exploitation of	Balakumaran	6(11), 702-	2017	-
	nal	Pharma	agro industrial	, M.D., Santhi	706.		
		Innovatio	residues as a	R,			
		n Journal,	substrate for the	Jagadeeswari			
			biodegradable	S			
			polymer	~			
			production using				
			polyhydroxybutyr				
			ate accumulating				
			bacteria.				
15	Internatio	Annl		Vijavan	31:e3652/ht	2017	IF:
15.	Internatio nal	Appl Organom	Solvent-assisted	Vijayan, P., Viswanatha	31:e3652/ht tps://doi.or	2017	IF: 3.14
15.	Internatio nal	Organom	Solvent-assisted formation of	P., Viswanatha	tps://doi.or	2017	IF: 3.14
15.			Solvent-assisted formation of ruthenium(II)/cop	P., Viswanatha murthi, P.,	tps://doi.or g/10.1002/a	2017	
15.		Organom	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes	P., Viswanatha murthi, P., Sugumar, P.,	tps://doi.or	2017	
15.		Organom	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy,	tps://doi.or g/10.1002/a	2017	
15.		Organom	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N.,	tps://doi.or g/10.1002/a	2017	
15.		Organom	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives:	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G.,	tps://doi.or g/10.1002/a	2017	
15.		Organom	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan,	tps://doi.or g/10.1002/a	2017	
15.		Organom	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K.,	tps://doi.or g/10.1002/a	2017	
15.		Organom	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory,	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar,	tps://doi.or g/10.1002/a	2017	
15.		Organom	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R.,	tps://doi.or g/10.1002/a	2017	
15.		Organom	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in</i>	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R., Balakumaran	tps://doi.or g/10.1002/a	2017	
15.		Organom	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in</i> <i>vitro</i> biological	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R., Balakumaran , M.D. and	tps://doi.or g/10.1002/a	2017	
15.		Organom	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in</i>	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R., Balakumaran , M.D. and Kalaichelvan,	tps://doi.or g/10.1002/a	2017	
	nal	Organom etal Chem	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in</i> <i>vitro</i> biological perspectives	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R., Balakumaran , M.D. and Kalaichelvan, P.T.	tps://doi.or g/10.1002/a oc.3652		3.14
15.	nal	Organom etal Chem Inorganic	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in</i> <i>vitro</i> biological perspectives	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R., Balakumaran , M.D. and Kalaichelvan, P.T. Nanjundan,	tps://doi.or g/10.1002/a oc.3652 455,	2017 2017	3.14 IF:
	nal	Organom etal Chem Inorganic a Chimica	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in</i> <i>vitro</i> biological perspectives Synthesis, crystal structure,	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R., Balakumaran , M.D . and Kalaichelvan, <u>P.T.</u> Nanjundan, N.,	tps://doi.or g/10.1002/a oc.3652 455, pp.283-		3.14
	nal	Organom etal Chem Inorganic	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in</i> <i>vitro</i> biological perspectives Synthesis, crystal structure, biomolecular	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R., Balakumaran , M.D. and Kalaichelvan, P.T. Nanjundan, N., Narayanasamy	tps://doi.or g/10.1002/a oc.3652 455,		3.14 IF:
	nal	Organom etal Chem Inorganic a Chimica	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in</i> <i>vitro</i> biological perspectives Synthesis, crystal structure, biomolecular interactions and	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R., Balakumaran , M.D. and Kalaichelvan, P.T. Nanjundan, N., Narayanasamy , R., Butcher,	tps://doi.or g/10.1002/a oc.3652 455, pp.283-		3.14 IF:
	nal	Organom etal Chem Inorganic a Chimica	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in</i> <i>vitro</i> biological perspectives Synthesis, crystal structure, biomolecular interactions and anticancer	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R., Balakumaran , M.D. and Kalaichelvan, <u>P.T.</u> Nanjundan, N., Narayanasamy , R., Butcher, R.J., Jasinski,	tps://doi.or g/10.1002/a oc.3652 455, pp.283-		3.14 IF:
	nal	Organom etal Chem Inorganic a Chimica	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in</i> <i>vitro</i> biological perspectives Synthesis, crystal structure, biomolecular interactions and anticancer properties of Ni	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R., Balakumaran , M.D. and Kalaichelvan, P.T. Nanjundan, N., Narayanasamy , R., Butcher, R.J., Jasinski, J.P.,	tps://doi.or g/10.1002/a oc.3652 455, pp.283-		3.14 IF:
	nal	Organom etal Chem Inorganic a Chimica	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in</i> <i>vitro</i> biological perspectives Synthesis, crystal structure, biomolecular interactions and anticancer properties of Ni (II), Cu (II) and	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R., Balakumaran , M.D. and Kalaichelvan, P.T. Nanjundan, N., Narayanasamy , R., Butcher, R.J., Jasinski, J.P., Velmurugan,	tps://doi.or g/10.1002/a oc.3652 455, pp.283-		3.14 IF:
	nal	Organom etal Chem Inorganic a Chimica	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in</i> <i>vitro</i> biological perspectives Synthesis, crystal structure, biomolecular interactions and anticancer properties of Ni (II), Cu (II) and Zn (II) complexes	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R., Balakumaran , M.D. and Kalaichelvan, P.T. Nanjundan, N., Narayanasamy , R., Butcher, R.J., Jasinski, J.P., Velmurugan, K.,	tps://doi.or g/10.1002/a oc.3652 455, pp.283-		3.14 IF:
	nal	Organom etal Chem Inorganic a Chimica	Solvent-assisted formation of ruthenium(II)/cop per(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in</i> <i>vitro</i> biological perspectives Synthesis, crystal structure, biomolecular interactions and anticancer properties of Ni (II), Cu (II) and	P., Viswanatha murthi, P., Sugumar, P., Ponnuswamy, M.N., Malecki, J.G., Velmurugan, K., Nandhakumar, R., Balakumaran , M.D. and Kalaichelvan, P.T. Nanjundan, N., Narayanasamy , R., Butcher, R.J., Jasinski, J.P., Velmurugan,	tps://doi.or g/10.1002/a oc.3652 455, pp.283-		3.14 IF:

			te.	Balakumaran			
			ic.	M.D.,			
				Kalaichelvan,			
				P.T. and			
				Gnanasoundari			
				, V.G.			
17.	Internatio	Journal of	Phytosynthesized	Balashanmuga	165,	2016	IF:
	nal	Photoche	gold	m, P., Durai,	pp.163-173		4.383
		mistry	nanoparticles	P.,	II.		
		and	from C.	Balakumaran			
		Photobiol	roxburghii DC.	, M.D . and			
		ogy B:	leaf and their	Kalaichelvan,			
		Biology	toxic effects on	Р.Т.,			
			normal and				
			cancer cell lines.				
18.	Internatio	Inorganic	Toward a new	Vijayan, P.,	453,	2016	IF:
	nal	a Chimica	avenue in	Viswanathamu	pp.596-		2.304
		Acta,	ruthenium-	rthi, P.,	617.		
			sulphur chemistry	Sugumar, P.,			
			of binuclear µ-	Ponnuswamy,			
			sulphido bridged	M.N.,			
			(µ-S) 2	Velmurugan,			
			complexes having	К.,			
			Ru 2 S 2 core:	Nandhakumar,			
			Targeted	R.,			
			synthesis, crystal	Balakumaran			
			structure,	, M.D. and			
			biomolecules	Kalaichelvan,			
			interaction and	Р.Т.,			
			their in vitro				
			anticancer				
10	T ()'		activities.	X7 1 4 1 X 7	01/10)	2016	IE
19.	Internatio	ChemPlus	Luminescent	Venkatesh, V.,	81(12),	2016	IF:
	nal	Chem	Silver–Purine	BalaKumara	pp.1266-		2.753
			Double Helicate:	n, M.D.,	1271		
			Synthesis,	Saravanan,			
			Self-Assembly and Antibacterial	R.K., Kalaichelvan,			
			Action	P.T. and			
			ACUOII	Verma, S			
20.	Internatio	Microbiol	Phytogenic	Balashanmuga	192, pp.52-	2016	IF:
20.	nal	ogical	synthesis of silver	m, P.,	64	2010	3.97
	1141	Research	nanoparticles,	Balakumaran	0.		
			optimization and	, M.D .,			
			evaluation of in	Murugan, R.,			
			vitro antifungal	Dhanapal, K.			
			activity against	and			
			human and plant	Kalaichelvan,			
			pathogens	P.T			
21.	Internatio	Polyhedro	Distorted	Nanjundan N,	110: 203-	2016	IF:

	1		1 1 11'	NT	220		0.040
	nal	n	tetrahedral bis-	Narayanasamy	220		2.343
			(N,S) bidentate	R, Geibb S,			
			Schiff base	Velmurugan			
			complexes of	K, Nandhakumar			
			Ni(II), Cu(II) and Zn(II): Synthesis				
			Zn(II): Synthesis, characterization	R, Balalumarn			
				Balakumarn MD			
			and biological studies	MD, Kalaichelvan			
			studies	PT.			
22.	Internatio	Internatio	In vitro biological	Balakumaran	107: 48-55	2016	IF:
	nal	nal	properties and	MD,			4.074
		Biodeteri	characterization	Ramachandran			
		oration &	of nanosilver	R,			
		Biodegra	coated cotton	Jagadeeswari			
		dation	fabrics - An	S,			
			application for	Kalaichelvan			
			antimicrobial	PT.			
			textile finishing				
23.	Internatio	Microbiol	Mycosynthesis of	Balakumaran	182: 8-20	2016	IF:
	nal	ogical	silver and gold	MD,			3.97
		Research	nanoparticles:	Ramachandran			
			optimization,	R,			
			characterization	Balashanmuga			
			and antimicrobial	m P,			
			activity against	Mukeshkumar			
			human pathogens	DJ,			
				Kalaichelvan			
				PT			
24.	Internatio	Journal of	Synthesis,	Hipalaswins	5(5), p.65.	2016	-
	nal	Academia	Characterization	W.M.,			
		and	and Antibacterial	Balakumaran			
		Industrial	Activity of	M.D . and			
		Research	Chitosan	Jagadeeswari			
			Nanoparticles and	S			
			its Impact on				
			Seed Germination				
25.	Internatio	Microbiol	Exploitation of	Balakumaran	178: 9-17	2015	IF:
	nal	ogical	endophytic	MD,			3.97
		Research	fungus,	Ramachandran			
			Guignardia	R,			
			<i>mangiferae</i> for	Kalaichelvan			
			extracellular	PT.			
			synthesis of silver				
			nanoparticles and				
			their in vitro				
			biological				
	. .		activities			• • • =	
26.	Internatio	RSC	Nickel(II) and	Vijayan P,	5:103321-	2015	IF:
	nal	Advances	copper(II)	Periasamy V,	103342		3.119

			1	X 7 1			1
			complexes	Velmurugan			
			constructed with	K,			
			N2S2 hybrid	Nandhakumar			
			benzamidine-	R,			
			thiosemicarbazon	Balakumaran			
			e ligand:	MD,			
			Synthesis, X-ray	Kalaichelvan			
			crystal structure,	PT, Jan M			
			DFT, kinetico-				
			catalytic and in				
			<i>vitro</i> biological				
			applications				
27.	Internatio	RSC	Osteoblast	Govindaraj D,	5: 44705-	2015	IF:
	nal	Advances	compatibility of	Rajan M,	44713		3.119
			minerals	Munusamy			
			substituted	MA,			
			hydroxyapatite	Balakumaran			
			reinforced	MD,			
			poly(sorbitol	Kalaichelvan			
			sebacate adipate)	PT			
			nanocomposites				
			for bone tissue				
			application				
28.	Internatio	Journal of	Structural	Chanthini AB,	153: 145-	2015	IF:
	nal	Photoche	characterization,	Balasubramani	152		4.383
		mistry	antioxidant and in	G, Ramkumar	-		
		and	<i>vitro</i> cytotoxic	R, Sowmiya			
		Photobiol	properties of	R,			
		ogy B:	seagrass,	Balakumaran			
		Biology	Cymodocea	MD,			
			serrulata (R.Br.)	Kalaichelvan			
			Asch. & Magnus	PT, Perumal P			
			mediated silver				
			nanoparticles				
29.	Internatio	Inorganic	Unprecedented	Vijayan P,	2: 620-639	2015	IF:
	nal	Chemistry	formation of	Viswanathamu			5.958
		Frontiers	organo-ruthenium	rthi P,			
			(ii) complexes	Sugumar P,			
			containing 2-	Ponnuswamy			
			hydroxy-1-	MN,			
			naphthaldehyde	Balakumaran			
			S-benzyldithio	MD,			
			carbazate:	Kalaichelvan			
			synthesis, X-ray	PT,			
			crystal structure,	Velmurugan			
			DFT study and	K,			
			their biological	Nandhakumar			
			activities <i>in vitro</i>	R, Butcher RJ			
30.	Internatio	Microbiol	Exploitation of	BalaKumara	5: 36-42.	2015	-
20.	nal	ogy	Agro-Industrial	n MD,	2.20 121	_010	
	iiui	089	1.510 mousului			1	1

			** *	TT 1 + 1 1			
		Journal	Wastes as	Kalaichelvan			
			Substrates for	PT, Santhi R			
			Cellulase				
			Production by				
			Bacillus				
			licheniformis				
			MTCC 429				
31.	Internatio	Biotechno	Acalypha indica	Krishnaraj C,	4: 42-49	2014	-
	nal	logy	Linn: Biogenic	Muthukumara			
	IIui	Reports	synthesis of silver	n P,			
		перонь	and gold	Ramachandran			
			nanoparticles and	R,			
			-	R, Balakumaran			
			their cytotoxic				
			effects against	$\mathbf{MD},$			
			MDA-MB-231,	Kalaichelvan			
			human breast	PT			
			cancer cells				
32.	Internatio	Pakistan	Production of	RaviKumar M,	17: 735-	2014	-
	nal	Journal of	Cellulase Enzyme	BalaKumara	739		
		Biological	by <i>Trichoderma</i>	n MD,			
		Sciences	reesei Cef19 and	Balashanmuga			
			its Application in	m P,			
			the Production of	Immaculate			
			Bio-ethanol	Nancy			
			210 •••••••	Rebecca A,			
				MukeshKumar			
				DJ,			
				Kalaichelvan			
				PT			
22	Tratarrastia	A	Casar synthesis		4(12), 022	2012	
33.	Internatio	Advanced	Green synthesis	Malathi S,	4(12): 933-	2013	-
	nal	Materials	of gold	Balakumaran	940		
		Letters	nanoparticles for	MD,			
			controlled	Kalaichelvan			
			delivery	PT,			
				Balasubramani			
				an S			
34.	Internatio	Asian	Utilization of	Balakumaran	6: 312-321	2013	-
	nal	Journal of	Aspergillus	MD,			
		Biological	terreus for the	Prasathkumar			
		Sciences	biosorption of	М,			
			hexavalent	Mukeshkumar			
			chromium ions	DJ,			
				Kalaichelvan			
				PT			
35.	Internatio	Dynamic	Utilization of	Jagadeeswari	6(2): 46-48.	2012	
55.	nal	Biochemis		-	0(2). 40-40.	2012	
	nai		shrimp and crab	S, Palakumaran			
		try,	wastes for the	Balakumaran			
		Process	production of N-	MD , Vidya P,			
		Biotechno	acetylglucosamin	Kalaichelvan			
		logy and	e by chitinolytic	PT, Panneer			

		Molecular Biology	soil <i>Streptomyces</i> sp. SJKP9.,	Selvam K			
36.	Inter National	EJEAFCh e,	Isolation and characterization of bacteriocin producing <i>Lactobacillus</i> spp. from traditional fermented foods	Jagadeeswari, S., Vidya, P., Kumar, D.J.M. and Balakumaran , M.D	Vol.9 (3) , Pg.No: 575-581 ISSN: 15794377	2010	-

20	Details of AWARDS received:				
S.No	Title of the Award	Awarding Agency / University / Government	Month/Year		
1.	IOP Publishing	IOP Publishing, Bristol	May, 2021		
	Outstanding Reviewer				
2.	Dr. APJ Abdul Kalam	Marina Labs, Chennai	Sep. 2017		
	Award for young				
	Scientist				
3.	Project Fellow	NCNSNT, University of Madras under	Sep. 2011		
		MHRD special grant			
4.	Research Fellow	Vijaya	Dec. 2010		
		Heart Foundation, Chennai			
5.	Project Fellow	Sree Ramcides Chemicals Pvt. Ltd., Chennai	Oct. 2009		
6.	Research Fellow	Reliance Industries Ltd., Hazira, Surat	Aug. 2008		

21	Details of MEMBERSHIP IN EDITORIAL BOARD/ACADEMIC AGENCIES/BODIES:					
S.No	Name of the Journal/Magazine/Agency	Position in the Board	ISBN/ISSN No.(if any)	Year		
1.	Mycological Society of India	Life Member	-	Since 2021		
2.	International Journal of Infectious Diseases	Life Member	-	Since 2015		
3.	Current Chinese Science	Editorial Board Member	ISSN: 2210-2914	Since 2020		
4.	International Journal of Microbiology and Current Research	Editorial Board Member	ISSN: 2690-2273	Since 2018		
5.	Journal Of Biotechnology And Immunology	Editorial Board Member	-	Since 2018		
6.	Journal of Clinical Infectious Diseases: Open Access	Editorial Board Member	ISSN: 2684-4559	Since 2017		
7.	EC Pharmacology and Toxicology	Editorial Board Member	-	Since 2017		
8.	Dept of Bio Engineering, Sathyabama Institute of Science & Technology,Chennai	Doctoral Committee Member	-	2021		

22	POSITIONS HELD in this institution:				
S.No.	Institution/Department Level Position Duration				
1.	Biotechnology Department	Head	Since, Nov. 2020		
2.	NAAC	Criteria 3, Sub	From 2020 to 2022		
		criterion Member			
3.	ARIIA	Co-ordinator	Since, October 2021		
4.	Research and Development Cell	Member	Since, August, 2021		