

PG & RESEARCH DEPARTMENT MICROBIOLOGY

**List of Publications (2016-2023)**

S.no	Journal Name	Year & month	Title	ISSN No	Authors	Page Nos
1	<i>World Journal Of pharmacy and pharmaceutical sciences</i>	2016	Effect Of Chitosan: A Review On Inflammatory Bowel Disease	ISSN 2278-4357	Mythili V, <b>O. S. Aysha,</b> S.Valli	<b>5(9) :</b> 940-948
2	<i>World Journal Of pharmacy and pharmaceutical sciences</i>	2016	Effect Of Chitosan: A Review On Inflammatory Bowel Disease	ISSN 2278-4357	Mythili V, O. S. Aysha, <b>S.Valli</b>	<b>5(9) :</b> 940-948
3	<i>International Journal of Current Research and Academic Review</i>	2016	Antibacterial Activity of Marine Algae against Clinically Relevant Bacterial Strains	ISSN: 2347-3215	M.UmaMaheswari, <b>A. Reena</b> B F. Paul Beulah	10-16
4	<i>International Journal of Current Research and Academic Review</i>	2016	Isolation, Identification and Characterization of Petroleum Degrading Bacteria from Oil Contaminated Soils	ISSN: 2347-3215	B F. Paul Beulah <b>A. Reena</b> M.UmaMaheswari	1-8
5	<i>International Journal of Current Research and Academic Reviews</i>	2016	Production of Biopolymer – Poly-B-Hydroxybutrate (PHB) By <i>Azotobacter</i> Species Using	ISSN: 2347-3215	Ramya.R, <b>Valli.S.</b>	. 3: 17-28

			Agro-Industrial Wastes			
6	<i>International Journal of Advance Research</i>	2017	Isolation and Identification of <i>Chlorpyrifos</i> Degrading bacteria from Agricultural soi		Hamsavathani V, <b>O.S.Aysha</b> , and Raughul Ajith A,	5 (5), 1209-1221.
7	<i>World journal of pharmacy and pharmaceutical Sciences.</i>	2017	Synthesis and characterization of chitosan from crab shells Vs Bacteriological biomass.	ISSN 2278-4357	V.Mythili and <b>O.S.Aysha</b>	<i>Issue-6, 746-959</i>
8	<i>World Journal Of pharmacy and pharmaceutical sciences</i>	2017	Wheat bran – propitious substrate for vanillin production by <i>Pseudomonas fluorescence</i>	ISSN 2278-4357	<b>Valli S.*Manoranjitha</b>	6(10): 749-758
9	<i>International Journal of Current Research and Academic Reviews</i>	2017	Influence of Vegetable Oils on Biosurfactant Production by <i>Serratia</i> Species Isolated From Soil.	ISSN: 2347-3215	Hemalatha.P, <b>Valli.S</b>	4: 195-207
10	<i>International Journal of Pharmaceutical Sciences and Research</i>	2017	Gc-ms analysis, antioxidant and antibacterial activity of the brown algae, <i>Padina tetrastromatica</i>	ISSN (Online): 0975-8232, ISSN (Print) : 2320-5148	M.UmaMaheswari <b>A. Reena</b> C. Sivaraj	

11	<i>International Journal of Pharma Sciences and Research</i>	2017	Phytochemical Profiling of the Red Seaweed, <i>Halymenia dilatataby</i> GC-MS Analysis	ISSN : 0975-9492	UmaMaheswari M, <b>Reena A</b>	
12	<i>BAOJ Diabetes open access Journal</i>	2017	<i>Evaluation of Antioxidant Properties of Dihydroxychavicol, a Major Phenolic Compound Isolated from the Leaves of Piper Betle. Linn</i>	ISSN:2 380-5552	<b>S.Srividya,</b> V.RoshanaDevi and S.Subramanian	<i>Vol ;3:1</i>
13	<i>Korean Journal of Chemical Engineering</i>	2017	Comparative Study on Degradation of Norfloxacin and Ciprofloxacin by <i>Ganoderma lucidum</i> JAPC1		<b>Chakraborty P.</b> and Abraham J	<i>34(4), 1122-1128.</i>
14	<i>International Journal of Current Research</i>	2017	Culturing Methodology of Mesenchymal Stem Cells Isolated from Human Wharton's Jelly.		Udhaykumar, R., Dr. Jayakumar, A., Dr. Sudarsanam, D., Balaji, R., Rebecca Vinolia and <b>Praveena, P.</b>	<i>9(12), 63726 - 63728</i>
15	<i>International Journal of Current Pharmaceutical Research</i>	2017	Antibacterial and synergistic activity of terminaliachebula and terminaliabellerica fruit extracts against ESBL producers		Bharani Thirunavukkarasu, <b>Nirmala Purushothaman</b>	<i>Vol-9, Issue 6,2017</i>
16	<i>BIOCONSORTIU M</i>	2018	Biodegradation of Organophosphorous Pesticide, chlorpyrifos, by Microorganisms from chlorpyrifos-contaminated Agricultural Soil.		Hamsavathani V, <b>O.S.Aysha,</b> D.V.Pavithra	
17	<i>American Journal of Bio-pharmacology</i>	2018	Assessment of Antioxidant and Antimicrobial Activities		Farzana Hilal, <b>Aysha O.S</b>	<i>Vol.4(s uppl 1</i>

	<i>Biochemistry and Life Sciences,</i>		of <i>Strobilathus Barbatus</i> against Organism Isolated from the Arthritic synovial fluids			
18	<i>American Journal of Bio-pharmacology Biochemistry and Life Sciences</i>	2018	Production of Gallic acid from Chebulic Myrobalan( <i>Terminalia Chebula</i> ) Fruits by <i>Aspergillus niger</i> and <i>Penicillium Sp</i> And Evaluation of Its Antibacterial Activity.		<b>Valli S,</b> Prem Kumar	Vol.4(s uppl 1)
19	<i>International Journal of Advance Research.</i>	2018	Screenin and Extraction of Biosurfactant producing bacterial from oil contaminated soils	URL: <a href="http://dx.doi.org/10.">http://dx.doi.org/10.</a>	B.F. Paul Beulah, <b>A.Reena,</b> M.Umam aheswari	21474 /IJAR/ 6585
20	<i>American Journal of Bio-pharmacology Biochemistry and Life Sciences</i>	2018	Characterization of recombinant flagellin (rFliC) produced by <i>Lactobacillus rhamnosus</i> .		Richard P, <b>Nirmala P</b>	Vol.4(s uppl 1)
21	<i>American Journal of Bio-pharmacology Biochemistry and Life Sciences,</i>	2018	Sumerged Fermetation Studies of beta D Fructofuranoside from evnironmental isolates of <i>Saccharomyces cerevisiae</i> .		Jayalakshmi K, <b>Nirmala P</b>	Vol.4(s uppl 1):
22	<i>Journal of Bio-pharmacology Biochemistry and Life Sciences</i>	2018	Antibacterial activity of fruit extract <i>Terminalia chebula</i> and <i>T. bellerica</i> against imipenem resistant <i>Pseudomonas aeruginosa</i> clinical isolates		Bharani T, <b>Nirmala P</b>	Vol. 4 (suppl 1): OP23
23	<i>International Journal of Current Research</i>	2018	Molecular Modeling of Angiotensin type 1 Receptor for Angiotensin Receptor Blockers.		<b>Praveena, P.,</b> Amitava, Dr. Sudarsanam, D., and Jayanthi	10(6), 69970-69974

24	<i>Research Journal of Pharmacy and Technology</i>	2018	Cytotoxicity and Antimicrobial Activity of <i>Ipomoea batatas</i> .		<b>Chakraborty P,</b> Sharma S, Chakraborty S, Siddapur A, Abraham J	11(7), 2741-2746.
25	<i>Azerbaijan Pharmaceutical and Pharmacotherapy Journal. 1</i>	2018	Isolation and Characterization of <i>Streptomyces tendae</i> J2RA from <i>Aloe barbadensis</i> Miller stem.		<b>Pritha Chakraborty,</b> Anu Reeba Jacob, Justin K Varghese, Renju Mohan, Jayanthi Abraham	
26	<i>Nature, Environment and Pollution Technology</i>	2018	Synthesis, Characterization of Chitosan Nanoparticles and Its Applications in removal of Wastewater Contaminants		<b>Pritha Chakraborty,</b> Vakas Mustafa and Jayanthi Abraham	17 (2), 469-478.
27	<i>International Journal of Recent scientific Research</i>	2019	Invitro and Invivo Pharmacological Studies Using Chitosan	ISSN 0976-3031	Mythili.V, <b>O.S.Aysha</b>	<a href="http://dx.doi.org/10.24327/ijrsr.100903950">http://dx.doi.org/10.24327/ijrsr.100903950</a>
28	<i>The Pharma Innovation journal</i>	2019	Silver nanoparticles: A promising alternative approach to combat bacterial infections	ISSN 2277-7695	<b>Valli S,</b> Deepa Jeyakumari V and Vimal M	8(1): 522-527
29	<i>International Journal of Interdisciplinary Research and Innovations,</i>	2019	Anticancerous and antioxidant activity of <i>Camellia sinensis</i>	ISSN 2348-1226	<b>Valli S,</b> Divya,	195-200
30	<i>International Journal of Pharmacy and</i>	2020	Green Tea extract propitious approach to	ISSN 2230-7605	<b>Valli S,</b> Divya,	

	<i>Biological Science</i>		combat Urinary tract pathogens.			
31	<i>International Journal of Pharmaceutical Research</i>	2020	Characterization of Biosurfactant Extracted from <i>Pseudomonas putida</i> from oil contaminated soils and its application using hydroponic study for Bioremediation	ISSN 0975-2366	B F. Paul Beulah <b>A. Reena</b> M.UmaMaheswari N.Arunagirinathan	2700-2705
32	<i>International Journal of Innovative Research in Science ,Engineering and Technology</i>	2020	A Review on Evaluation of Pharma Profile of Lapachol of Tectona grandis	ISSN:2 319-8753	Amitava Maitra,D.Sundarsanam,S.Siddhardha, <b>P.Praveena</b>	Vol.9. ISSUE 4
33	International Journal of Innovative Research in Technology	2021	Quantitative Determination of Antibacterial Sucespyibility Using BD phoenix for the Clinical Isolates fromIBD Patients and Inhibition Against Biological Chitosan Using Resazurin	ISSN 2349-6002	Mythili.V, <b>O.S.Aysha</b>	Vol 7 ISSUE 9
34	International Journal of Innovative Research in Technology	2021	<i>Strobilanthes barbatus</i> ameliorates adjuvant-induced arthritis in rats through inhibiting TNF- $\alpha$ signaling pathways	Issn :2349-6002	Farzana Hilal, <b>O.S.Aysha</b>	Vol 8 Issue 3
35	International Journal of Innovative Research in Technology	2021	Phytochemical,Antioxidant,Antibacterial and Mutagenic property(AMES) in vitro analysis of <i>Strobilanthes barbatus</i>	Issn :2349-6002	Farzana Hilal, <b>O.S.Aysha</b>	Vol 7 Issue 11

36	Medicinal Plants	2021	Antibacterial activity of <i>Terminalia chebula</i> and <i>Terminalia bellerica</i> fruit extracts against imipenem and meropenem resistant <i>Pseudomonas aeruginosa</i> strains		Bharani Thirunavukkarasu, <b>Nirmala</b> Purushothaman and S. Valli	13 (4), 615- 620
37	International Advanced Research Journal in Science,Engineering and Technology	2021	Isolation and Identification of Methicillin Resistant Staphylococcus aureus(MRSA) from Cow Dung	ISSN(O)2393-8021	Jadheer Ahsan KP, S.Srividya	Vol 8 ISSU E 9
38	<i>International Journal of Botany Studies</i>	2021	Phytochemical and Antibacterial properties of <i>Tabernaemontana divaricate</i> L.against ocular infection	ISSN: 2455-541x	Shanmugapriya R,Babu s,Ambikapathy V, Panneerselvam A,Prakash P, Kanmani A	754- 758
39	<i>Journal of Pharmaceutical Research International</i>	2021	Evaluation of Antibiotic Sensitivity Test Against Ophthalmic Pathogens	ISSN: 2456-9119	Shanmugapriya R,Shijila Rani, A.S. Babu.S Ambikapathy V,Sengottain.N Panneerselvam A	33(45 A):383 -388

40	<b>Scientist</b> <i>The official Journal of Scientist R Academy</i>	2022	Study on Biochemical Analysis, Antioxidant Assay and GC-MS Analysis of <i>Padina tetrastromatica</i>	CNR 202227 3,0890 3670	Reshmi Mohamed Ali,O.S.Aysha ,S.Shamini	10.528
41	<i>Eco.Env. &amp; Cons.</i>	2022	Study on Biochemical Analysis , \Antioxidant Assay and GC-MS Analysis of <i>Saccharina japonica</i>	ISSN09 71-765x	Reshmi Mohamed Ali,O.S.Aysha, S.Shamini	1055-1060
42	<i>Asian Jr. of Microbiol. Biotech. Env. Sc.</i>	2023	Evaluation Of Phytochemical And Antioxidant Analysis Of Various Halophytes Isolated From Pichavaram Region	ISSN-0972-3005	A.Pushparani, S.Valli and S. Shamini	Vol. 25, No. (2) : 77-82
43	<i>International Journal of Zoological Investigations</i>	2023	Isolation,Characterization and screening of Acephate Degrading Bacteria from Paddy Field	ISSN 2454-3055	Malathi.V.B., Reena.A., and Poorani.V	Vol 9,no1, 712-724
44	<i>International Journal of Zoological Investigation</i>	2023	Isolation and Antagonistic Activity of Epiphytic Bacteria Associated With Three Sea grasses	ISSN 2454-3055	Poorani.V.,Reena.A and Malathi.V.B	Vol.9, No.1, 1021-1027
45	<i>Journal of Drug Delivery and Therapeutics</i>	2023	Comparative Analysis of Phytochemical and Antioxidative properties of Different Solvent Extracts of <i>Codium tomentosum stackhouse</i> for Therapeutic Application	ISSN 2250-1177	C.K.Babini and A.Reena	13(8): 72-80