

List of Publications
Academic Year 2020- 2021

S. No	Name of the faculty	Title of the paper	Name of the Journal	Volume No, Issue No Page No Month & Year	Indexing Scopus/ SCI	Impact factor & Quartiles (Q1 / Q2/ Q3 / Q4)	Online Link of the paper (by clicking this link, paper should opened in online)
1	Dr. G. Surendran	Selection of suitable adsorbent for the removal of Cr (VI) by using objective based multiple attribute decision-making method	Preparative Biochemistry & Biotechnology	Jul 2020, Pg 69-75	SCI	IF: 3.141 Q3	https://www.tandfonline.com/doi/abs/10.1080/10826068.2020.1789993
2	Mr. N. Arunkumar, Dr. E. Nakkeeran, & Dr. G. Surendran	Preparation of Anti-immunodeficiency pills by the Herbal solution	Research Journal of Pharmacy and Technology	Volume14, Issue 6, Nov 2020	Scopus	Q2	https://rjptonline.org/HTML_Papers/Research%20Journal%20of%20Pharmacy%20and%20Technology_PID_2021-14-6-54.html
3	Dr. G. Surendran	Using the Artificial Neural networks to Predict the Solubility Effects of Theophylline Drug in Hydrotropic Solutions	International Journal of Pharmaceutical Research	Apr 2021	Scopus	-	http://www.ijpronline.com/ViewArticleDetail.aspx?ID=21050
4	Dr. S. Karunakaran	Investigation of novel biological pre-treatment for	Plant Cell Biotechnology	Volume 12, Issue 3,	Scopus	-	https://www.researchgate.net/publication/3528344

		microbial infection control in organic mushroom cultivation	and Molecular Biology	Jan 2021 Pg 57-68			70 Investigation Of Novel Biological Pretreatment For Microbial Infection Control In Organic Mushroom Cultivation
5	Dr. Lineesh Punathil	Recovery of Pure Silicon and Other Materials from Disposed Solar Cells	International Journal of Photoenergy	Apr 2021	SCI	IF: 3.2 Q2	https://www.hindawi.com/journals/ijp/2021/5530213/
6	Dr. Lineesh Punathil Dr. G. Surendran	Microwave heating of food materials: Role of susceptor	IOP Conference Series: Materials Science and Engineering	1145, 012141, Apr 2021,	Scopus	-	https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012022/pdf
7	Dr. A. K. Priya	Manufacturing fired clay brick using fly ash and M-Sand	Materials Today Proceedings	Volume 37, Part 2, 2021, Pages 872-876	Scopus	-	https://doi.org/10.1016/j.matpr.2020.06.042 .
8	Dr. A. K. Priya	Experimental study on partial replacement of cement by metakaolin and GGBS	Material Today Proceeding	Volume 37, Part 2, 2021, Pages 3527-3530	Scopus	-	https://www.sciencedirect.com/science/article/pii/S2214785320371327 .

9	Dr. A. K. Priya	Fiber Reinforced Sustainable Geopolymer Earth brick	IOP Conference Series: Materials Science and Engineering	May 2021	Scopus	-	https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012098 .
10	Dr. A. K. Priya	A Study of Partial Replacement for Cement by Bagasse Ash and Coarse Aggregate	IOP Conference Series: Materials Science and Engineering	May 2021	Scopus	-	https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012008 .
11	Dr. A. K. Priya	Controlling Natural Resources Depletion by Sustainable Earth Brick	IOP Conference Series: Materials Science and Engineering	May 2021	Scopus	-	https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012007 .
12	Dr. A. K. Priya	Bio decolorization of Remazol dyes using biochar derived from Ulva reticulata: isotherm, kinetics, desorption, and thermodynamic studies.	Desalination and Water Treatment	Volume 200, 286-295. 2020	SCI	IF: 1.25 Q3	https://www.deswater.com/DWT_abstracts/vol_200/200_2020_286.pdf .

13	Dr. A. K. Priya	Adsorption of lead ion concentration from the aqueous solution using tobacco leaves	Materials Today: Proceedings.	Volume 37, Part 2, 2021, Pages 489-496	Scopus	-	https://www.sciencedirect.com/science/article/pii/S2214785320340475 .
14	Dr. A. K. Priya	Agro Waste Sugarcane Bagasse as a Cementitious Material for Reactive Powder Concrete	Clean Technologies	7 December 2020, Volume 2(4), 476-491	SCI	IF: 3.8 Q2	https://www.mdpi.com/2571-8797/2/4/30 .
15	Dr. A. K. Priya	The War using microbes: A sustainable approach for wastewater management.	Environmental Pollution	Volume 275, 15 April 2021, 116598	SCI	IF:8.9 Q1	https://www.sciencedirect.com/science/article/abs/pii/S0269749121001767 .
16	Dr. A. K. Priya	Photocatalytic degradation of 2, 4-dichlorophenol using bio-green assisted TiO ₂ -CeO ₂ nanocomposite system	Environmental Research	Volume 195, April 2021, 110852	SCI	IF:8.3 Q1	https://www.sciencedirect.com/science/article/abs/pii/S0013935121001468#! .

17	Dr. A. K. Priya	Removal of hexavalent chromium concentration from the aqueous solution using chemically treated sugarcane bagasse powder	Journal of the Indian Chemical Society	97(9b):1467 – 1477.	SCI	IF:8.3 Q3	http://indianchemicalsociety.com/portal/uploads/journal/Sept%20(7).pdf .
18	Dr. A. K. Priya	Removal of heavy metal ion concentrations from the wastewater using tobacco leaves coated with iron oxide nanoparticles	International Journal of Environmental Science and Technology	Volume 19, pages 2721–2736, Mar 2021	SCI	IF:3.1 Q1	https://link.springer.com/article/10.1007/s13762-021-03202-8 .
19	Dr. A. K. Priya	Experimental Studies on the Removal of Heavy Metal Ion Concentration Using Sugarcane Bagasse in Batch Adsorption Process	Desalination and water treatment	224, 256–272 June 2020	SCI	IF: 1.25 Q3	https://www.deswater.com/DWT_abstracts/vol_24/224_2021_256.pdf .

R & D Coordinator

HoD/CH