

Name of the Staff: **Dr. P.Vijaya**

Designation : **Assistant Professor of Chemistry**

S. No	Name of the Journal	Title of the article	Author(s) Name	UGC Care /National /International	Month ,Year, Vol & Page
1	Journal of Emerging Technologies and Innovative Research	An Green and Efficient Synthesis of Hexahydrospiro[Indoline-3,3'-pyrrolo[1,2-Imidazol]-2-one Derivatives via one-pot Multi component Reaction	Dr. P. Kottala Vijaya	UGC Approved International	June, 2019, 6, 341-346
2	Journal of Emerging Technologies and Innovative Research	Highly Enantioselective Epoxidation of α , β -Unsaturated Ketones Catalyzed by Chiral Multi-site Phase-Transfer Catalysts	Dr. P. Kottala Vijaya	UGC Approved International	June, 2019, 6, 347-353
3	Organic & Biomolecular Chemistry (The Royal Society of Chemistry)	Highly Enantioselective Asymmetric Henry Reaction Catalyzed by Novel Chiral Phase Transfer Catalyst Derived from Cinchona Alkaloids	P. Kottala Vijaya, S.Murugesan, A.Siva	UGC Approved International	October, 2016, 14, 10101-10109
4	Tetrahedron Letters (Science Direct, Elsevier)	Unexpected solvent/substitution-dependent inversion of the enantioselectivity in Michael addition reaction using chiral phase transfer catalysts	P.Kottala Vijaya, S.Murugesan, A.Siva	UGC Approved International	July 2015, 56, 5209–5212
5	Research on Chemical Intermediate (Springer)	New quaternary phosphonium salt as multi-site phase transfer catalyst for various alkylation reactions	P.Kottala Vijaya, K.Duraimurugan, A.Jesin Beneto, V.Sadhasivam, S.Murugesan, A.Siva	UGC Approved International	June 2016, doi:10.1007/s11164-016-2600-1
6	New Journal of Chemistry (The Royal Society of Chemistry)	Enantioselective synthesis of dihydroquinazolinone derivatives catalyzed by a chiral organocatalyst	A.Siva, P.Kottala Vijaya, M.Mariyappan, V.Ashokkumar, V.Sadhasivam, B.Sankar,	UGC Approved International	June, 2017, 41, 7980-7986

			C.Chithiraikumar		
7	International Journal of Innovative Research in Science & Engineering	Enantioselective Asymmetric Michael Addition of α,β -Unsaturated Ketones using New Chiral Trisite Phase Transfer Catalysts	J.Sivamani, P.Kottala Vijaya , V.Ashokkumar, S.Murugesan, A.Siva	UGC Approved International	June, 2014
8	International Journal of Innovative Research in Science & Engineering	Cinchona Alkaloid Based Quaternary Ammonium Salt as Chiral Phase-Transfer Catalysts: Asymmetric Alkylation Reactions	V.Ashokkumar, J.Sivamani, P.Kottala Vijaya , A.Siva	UGC Approved International	June, 2014
9	Acta Cryst E	Crystal structures of 2'-benzoyl-1'-(4-methylphenyl)-1,1',2,2',5',6',7',7a'-octahydro spiro[indole-3,3'-pyrrolizin]-2-one and 2'-(4-bromobenzoyl)-1'-(2-chlorophenyl)-1,1',2,2',5',6',7',7a'-octahydrospiro[indole-3,3'-pyrrolizin]-2-one	M.Chandrarekha, N.Srinivasan, P.Kottala Vijaya , A.Siva, R.V.Krishnakumar	UGC Approved International	October, 2016, E72, 1637–1641