



AUXILIUM COLLEGE (Autonomous)

(Accredited by NAAC with A+ Grade with a CGPA of 3.55 out of 4 in the 3rd cycle)
Gandhi Nagar, Vellore – 6.

**Publication in Scopus, Web of Science & UGC CARE Journals
2020-2021**

Papers Published in 2020-2021 : 37

Sl. No	Name of the author/s	Title of paper	Department of the teacher	Name of journal	Year of publication	ISSN number
1	Dr. Kalaiselvi R. H	Revisioning Myth: A Critical Analysis of Kavitha Kane's Sita's Sister	English	International Journal of Creative Research Thoughts	2021	2320-2882
2	Dr. Amutha Arockia Mary P R	Traumatic Experience of Motherhood in Toni Morrison's <i>Beloved</i>	English	Rabindra Bharathi Journal of Philosophy	2021	0973-0087
3	Dr. Amutha Arockia Mary P R	Reincarnating the Woman 'Hero': AN Alternative Feminist Approach in Octavia E. Butler's <i>Wild Seed</i>	English	NIU International Journal of Human Rights	2021	2394-0298
4	Dr.Vernum Cecilia P.A.A	Deep-Rootedness and Empathy in Mo Yan's Depiction of Chinese Culture	English	The International Journal of Analytical and Experimental Modal Analysis	2020	0886-9367
5	Dr.Vernum Cecilia P.A.A	Trauma to Transformation: A Deconstructed Psychological Study on Mo Yan's <i>Red Sorghum and Frog</i>	English	Gedrag &Organisatie Review	2020	0921-5077
6	Dr. Kavitha S	Empirical View of Convolutional Neural Network in Health care Using Deep Learning Techniques	Computer Science	Journal of Information and Computational Science	2020	1548 - 7741

7	Ms. Anita Madona M.	Enhancing the Security of Biometric Authentication Based on Visual Cryptography and Water Marking Technique	Computer Science	International Journal of Creative Research Thoughts (IJCRT)	2020	2320-2882
8	Ms. Anita Madona M.	Enhanced Secret Sharing Protocol to Increase Forward and Backward Security for Cloud in Big-data	Computer Science	International Journal of Creative Research Thoughts (IJCRT)	2020	2320-2882
9	Dr. Kavitha S	Optimized Detection of Ovarian Cancer Using ROI Based Segmentation and Classification with FR-CNN	Computer Science	Optimized Detection of Ovarian Cancer Using ROI Based Segmentation and Classification with FR-CNN - Materials Today: Proceedings International Journal of Grid and Distributed Computing	2020	2005-4262
10	Dr. Kavitha S	Ovary Tumor Prediction using R-CNN	Computer Science	Ovary Tumor Prediction using R-CNN - International Journal of Advanced Research in Engineering and Technology(IJARET)	2020	0976-6480
11	Dr. K. Deepa	Children Attitude, Behaviour and Television Commercials - A Study on children in Vellore	Commerce	Studies in Indian place Names: TPNS India	2020	2394-3114
12	Dr.E.Anitha Alice	A study on Service quality dimension of online banking services in vellore Dt	Commerce	Studies in Indian Place Names (SIPN)	2020	2394-3114
13	Dr. Sr. Jaya Santhi .R	Anticorrosion activities of Polymethcrylic and grafted/modified Polymethcrylic acid on pure aluminium in acid medium	Chemistry	Materials Today Proceedings	2021	2214-7853

14	Dr. Sr. Jaya Santhi .R	Polymethcrylic acid functionalised with dihydroxy benzene as an adsorbent for the removal of Malachite Green dye	Chemistry	Material Science and Engineering	2021	1757-8981
15	Dr. Sr. Jaya Santhi .R	Isomers of poly (amino thiophenol): Chemical synthesis and corrosion inhibition of mild steel in acidic medium	Chemistry	Annals of R.S.C.B.	2021	2067-3019
16	Dr. S. Jhancy Mary	Chemically copolymerized poly(2-chloroaniline-co-2-ethylaniline)-composite-Zn as an anodic material in Li-ion batteries	Chemistry	Polymer Bulletin	2020	0170-0839
17	Dr. S. Jhancy Mary	Synthesis, characterization and electrical conductivity studies on Poly(2-chloroaniline-co-2-methoxyaniline)-Fe ₂ O ₃ Nano composites with varying weight percentages of Fe ₂ O ₃	Chemistry	International Journal of Pharmacy and Biological Sciences	2021	2321-3272
18	Dr. B. Scholastica Mary Vithiya	Synthesis and Characterization of Palladium Nanoparticles Using Leaf Extracts	Chemistry	Annals of R.S.C.B.	2021	1583-6258
19	Dr. B. Scholastica Mary Vithiya	Green synthesis, Characterization, Anti- bacterial, Anti-diabetic, Anti-Cancerous Activity of Momordica charantia leaf extract mediated CuAg Nano alloys	Chemistry	Annals of R.S.C.B.	2021	1583-6258

20	Dr. V. Sugantha Kumari	Polysaccharides as excipient in drug delivery system	Chemistry	Materials Today: Proceedings	2021	2214-7853
21	Dr. V. Sugantha Kumari	Solid lipid Nano particles for oral drug delivery	Chemistry	Materials Today: Proceedings	2021	2214-7853
22	Dr. V. Sugantha Kumari	Development of Nano emulsion of Alginate/Aloe Vera for oral delivery of insulin	Chemistry	Materials Today: Proceedings	2021	2214-7853
23	Dr. V. S. Gowri	Master Blaster: an approach to sensitive identification of remotely related proteins.	Chemistry	Scientific Reports, Nature	2021	2045-2322
24	Naga Soundarya Lakshmi V.S.V. A. Sabarmathi	Covid-19 Analysis by SEIR model with multiple controls	Mathematics	Advances in Mathematics: Scientific Journal	2021	1857-8365,
25	Naga Soundarya Lakshmi V.S.V. and A. Sabarmathi	An Analysis of Reinfection Pneumonia model with carrier state	Mathematics	Turkish Journal of Computer and Mathematics Education	2021	1309-4653
26	Naga Soundarya Lakshmi V.S.V. and A. Sabarmathi	Analysis of SEIR model with single control for Covid -19.	Mathematics	Journal of Computational Mathematica	2021	2456-8686
27	Naga Soundarya Lakshmi V.S.V. and A. Sabarmathi	A Stability Analysis of Typhoid Disease Model Treatment and Bacteria Compartments	Mathematics	International Journal of Biology, Pharmacy and Allied Sciences	2021	2277-4998
28	Dr. Sujatha L.	"Fuzzy Trans-shipment Model using Fuzzy One Point Method"	Mathematics	Advances in Mathematics: Scientific Journal	2020	1857-8365
29	B. Amul	Molecular structure, spectroscopic (FTIR, Ft-Raman, NMR, UV-VIS),	Physics	Journal of Molecular structure	2020	0022-2860

		chemical reactivity and biological examinations of Ketorolac				
30	Dr.P.E.Saranya	Bioengineered 2D ultrathin sharp-edged MgO Nano sheets using <i>Achyranthes aspera</i> leaf extract for antimicrobial applications	Physics	Journal of Inorganic and Organometallic Polymers and Materials	2020	1574-1443
31	Dr. A. Mary Agnes Ms. Sindhuja G.	Phytochemical Screening of Ethanol Extract of <i>Eugenia Jambolana</i> Lam.	Zoology	Annals of the Romanian Society for Cell Biology	2020	1559-1573
32	Ms. Anuradha. M, Dr. (Sr.) Regina Mary R.	Molecular effects of mutated amino acids involved in Transmembrane and Domain regions on the BCR oncogene protein using In silico techniques	Zoology	International Journal of Research in Pharmaceutical Sciences.	2020	0975-7538
33	Ms.Rebecca Vinolia	Screening of Phytochemicals, In vitro Assessment Or Antioxidant, Anti Inflammatory, Tle Profiling And Anti-cancer Activity of <i>Aegle Marmelos</i> (L.) Leaves	Zoology	Annals of the Romanian Society for Cell Biology, 18061	2020	1583-6258
34	Ms. Anuradha M, Dr. (Sr.) Regina Mary R.	Identification of the motifs of beta-turns and mutated amino acids studies on BCR (Breakpoint cluster region) protein using Insilco techniques	Zoology	International Journal of Research in Pharmaceutical Sciences.	2020	0975-7538
35	Ms. A. Auxilia Mary	Opinions of Commentators on Tholkappiyam Realism	Tamil	International Journal of Tamil Language and Literary Studies	2020	2581 – 7140
36	Dr.S.Uma Mageswari	A Conceptual Study On Digital Learning And Mental Health	Business Administration	Sambodhi Journal	2020	2249-6661

37	Dr.S.Uma Mageswari	A Conceptual study on Employee Engagement in Healthcare Industry during COVID	Business Administration	Alochana Chakra Journal	2020	2231-3990
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