



Holy Cross College (Autonomous)

Nagercoil – 629 004

Affiliated to Manonmaniam Sundaranar University, Tirunelveli
Nationally Accredited with A+ Grade (CGPA 3.35) by NAAC IV Cycle
An ISO 9001:2015 Certified Institution

**SSR
2019-2020
to
2023-2024**

3.4.6 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Number of Research Papers Published in Scopus/ Web of Science - 10

S. No	Name of the Department	Total Number of Papers Published in Scopus indexed Journals	Total Number of Papers Published in Web of Science indexed Journals	Total Number of Papers Published in Scopus and Web of Science indexed Journals
1	Mathematics	1	-	1
2	Physics	4	-	-
3	Chemistry	2	-	-
4	English	2	-	-
Total		9	-	1

NAAC V Cycle Self Study Report (SSR)

S. No	Name of the Faculty	Title of the Article	Department	Name of the Journal	ISSN Number	Nature of the Journal Scopus/ Web of Science	h-index in Scopus	h-index in Web of Science
1.	Dr. K. Jeya Daisy	Some Results on Z_k - Magic Labeling	Mathematics	Palestine Journal of Mathematics	2219-5688	Scopus	5	-
2.	Dr. K. Jeya Daisy	Z_k - Magic Labeling of Path Union of Graphs	Mathematics	Cubo, A Mathematical Journal	0716-7776	Scopus and Web of Science	5	-
3.	Ms. P. Aji Udhaya	Antibacterial Activity of Nickel and Magnesium Substituted Ferrite Nanoparticles Synthesized via Self-Combustion Method	Physics	Materials Today: Proceedings	2214-7853	Scopus	6	5
4.	Dr. S. Sonia	Quality Analysis and Quantum Classical Analysis of Acetaminophen	Physics	International Journal of Engineering and Advanced Technology	2249-8958	Scopus	12	11
5.	Ms. P. Aji Udhaya	Albumen Assisted Green Synthesis of NiFe ₂ O ₄ Nanoparticles and their Physico-Chemical Properties	Physics	Materials Today: Proceedings	2214-7853	Scopus	6	5
6.	S. Sebastiammal and Dr. A. Lesly Fathima	Annona Muricata Inspired Synthesis of CeO ₂ Nanoparticles and their Antimicrobial Activity	Physics	Materials Today: Proceedings	2214-7853	Scopus	6	5

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7.	Dr. G. Leema Rose	Synthesis, Spectral Characterization, Electrochemical, Anti-Microbial and DNA Binding Studies of New Schiff Base Metal(II) Complexes Derived from Isoniazid and 2-(4-amino-phenyl)-2H-isoquinolin-1-one	Chemistry	Journal of International Pharmaceutical Research	1674-0440	Scopus	-	-
8.	Dr. Sheeba Daniel	Biological Evaluation of Dihydropyrimidinone Synthesized from Vanillin, Ethylacetoacetate and Urea using Gooseberry Extract		Asian Journal of Chemistry	0970-7077	Scopus	3	1
9.	Dr. R. Abilasha	Empowering the Learners with Second Language Skills Through Psychological Aspects	English	International Journal of Recent Technology and Engineering	2277-3878	Scopus	2	-
10.	Dr. R. Abilasha	Neurolinguistic Factors in English Language Learning: A Cognitive based Study		International Journal of Recent Technology and Engineering	2277-3878	Scopus	2	-



PRINCIPAL
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