



**SWAMI VIVEKANANDA INSTITUTE
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3.3.1 Number of research papers published per teacher in the Journals notified on UGC CARE list during the last five years

Title of the Paper	Name of the author/s	Department of the teacher	Name of Journal	Calendar Year of Publication	ISSN number	Link to article / paper / abstract of the article	Link to the recognition in UGC enlistment of the Journal/Digital Object Identifier (doi) number	Is it listed in UGC Care List	Affiliated Institution
A COMPARATIVE STUDY OF ANTIMICROBIAL ACTIVITY OF CLOVE, CINNAMON AND BAY LEAF EXTRACTS AGAINST E. COLI & S. AUREUS	Niranjana Bhattacharyya Nath, Gargi Gupta, Arya Baidya, Shovik Roy	Biotechnology	WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES	2024	2278 – 4357	https://storage.googleapis.com/journal-uploads/wjpps/article_issue/1714649056.pdf	https://www.wjpps.com/	Yes	SVIMS
Quota Harvesting Logistic Growth Model: A Neurotrophic Differential Equation Approach	Ashish Acharya	BCA	Taylor & Francis Group, LLC	2024	5086029	https://www.researchgate.net/publication/378129207_Chapter_8_Quota_Harvesting_Logistic_Growth_Model_A_Neurotrophic_Differential_Equation_Approach	https://www.researchgate.net/publication/378129207_Chapter_8_Quota_Harvesting_Logistic_Growth_Model_A_Neurotrophic_Differential_Equation_Approach	Yes	SVIMS
Analysis of drug diffusion in human connective tissue in neurotrophic environment	Ashish Acharya	BCA	Neurotrophic Sets and System	2023	23316055, 2331608X	https://www.researchgate.net/publication/377699591_Analysis_of_drug_diffusion_in_human_connective_tissue_in_neurotrophic_environment	https://www.researchgate.net/publication/377699591_Analysis_of_drug_diffusion_in_human_connective_tissue_in_neurotrophic_environment	Yes	SVIMS
An intuitionistic fuzzy differential equation approach for the lake water and sediment phosphorus model	Ashish Acharya	BCA	Healthcare Analytics	2023	100294	10.1016/j.health.2023.100294	https://www.sciencedirect.com/science/article/pii/S2772445230016127viaIiD		SVIMS
A two-compartment drug concentration model using intuitionistic fuzzy sets	Ashish Acharya	BCA	Decision Analytics Journal	2023	100386	DOI:10.1016/j.dajour.2023.100386	https://www.sciencedirect.com/science/article/pii/S277266223002667viaIiD		SVIMS
Study of SEIR Epidemic Model in Infected Individuals in Imprecise Environment	Ashish Acharya	BCA	ICMMCS 2023	2023	371-380	https://www.researchgate.net/publication/372491258_Study_of_SEIR_Epidemic_Model_in_Infected_Individuals_in_Imprecise_Environment	Proceedings-International-Conference-Mathematical-Computational/dp/9819936101		SVIMS
The Scenario of COVID-19 Pandemic in Brazil Using SEIR Epidemic Model	Ashish Acharya	BCA	ICMMCS 2023	2023	978-981-99-3611-3	DOI:10.1007/978-981-99-3611-3_34	https://www.researchgate.net/publication/373474507_The_Scenario_of_COVID-19_Pandemic_in_Brazil_Using_SEIR_Epidemic_Model		SVIMS
Study of a Fuzzy Prey Predator Harvested Model: Generalised Hukuhara Derivative Approach	Ashish Acharya	BCA	ICMMCS 2023	2023	23316055, 2331608X	DOI:10.1007/978-981-99-3611-3_31	https://www.researchgate.net/publication/373474405_Study_of_a_Fuzzy_Prey_Predator_Harvested_Model_Generalised_Hukuhara_Derivative_Approach		SVIMS
A prey-refuge harvesting model using intuitionistic fuzzy sets	Ashish Acharya	BCA	Decision Analytics Journal	2023	23316055, 2331608X	DOI:10.1016/j.dajour.2023.100308	https://www.researchgate.net/journal/Decision-Analytics-Journal-2772-6622		SVIMS
A Neurotrophic differential equation approach for modeling glucose distribution in the bloodstream using neurotrophic sets	Ashish Acharya	BCA	Decision Analytics Journal	2023	100264	DOI:10.1016/j.dajour.2023.100264	https://www.researchgate.net/journal/Decision-Analytics-Journal-2772-6622		SVIMS
Implementation of IoT, Reshaping the retail industry and e-commerce-An Overview	Simi Roy Chowdhury	BCA	IJRSET	2024	e-ISSN : 2319-8753 p-ISSN: 2347-6710	https://www.ijrset.com/upload/2024/February/14_implementation.pdf	https://www.ijrset.com/volume-13-issue-2.html	Peer Reviewed	SVIMS
The Rural Development of West Bengal and Impact of Human Resource Management	Bivash Saha	BBA	International Journal of Humanities Social Science and Management	2023			International Journal of Humanities Social Science and Management IJHSSM	NO	SVIMS
Study of Comparison of Oral Fungal Flora of Smokers vs Non-Smokers in a Metropolitan City	Abhirup Ganguli	Microbiology	SVDA Microbiology	2023	ISSN: 2634-534X	https://sciencevolks.com/microbiology/pdf/SVDA-MB-04-036.pdf	https://sciencevolks.com/microbiology/	peer-reviewed	SVIMS
Study of Comparison of Oral Microbial Flora of Smokers vs Non-Smokers in a Metropolitan City	Abhirup Ganguli	Microbiology	Research in Medical & Engineering Sciences	2023	ISSN: 2576-8816	https://crimsonpublishers.com/rmes/pdf/RMES.000743.pdf	https://crimsonpublishers.com/rmes/	Yes	SVIMS




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