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St. JOSEPH'S INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)
St. JOSEPH'S GROUP OF INSTITUTIONS
OMR, CHENNAI - 119



Department of Artificial Intelligence and Datascience

FACULTY DETAILS

Staff Name	: Mr.A.V. Allin Geo
Date of Birth	: 25/10/1987
Educational Qualification	: M.Tech., Ph.D.,
Area of Interest	: Machine Learning, Data Structures, Computer Networks, Artificial Intelligence, Internet of Things
Years of Experience	: 12 Years and 6 Months
Area of Research	: Artificial Intelligence and Machine Learning
No of Student Projects Guided	: UG – 5 PG – Nil
Supervisor	: Nil
FDP & Workshop Funding	: Nil
Research Projects (Granted)	: Nil
R & D Activities	: Nil
Publication Details	: <ul style="list-style-type: none">• Experimental Evaluation of Robust Cyberbullying Detection over social media using Intelligent Learning Scheme, International Conference on Research Methodologies in Knowledge Management, RMKATE 2024• In 2020, compact modalities and hardware architecture were central themes. Key titles included "Assessing Design Using Compact Modalities" And "Result of Spreading Data On Hardware and Architecture".

		<ul style="list-style-type: none"> • Result of Spreading Data On Hardware and Architecture International Journal of Modern Agriculture 2020 • Correspondence of Digital-To-Analog Converters and Augmenting International Journal of Modern Agriculture 2020 • Research in 2019 focused on networking protocols and liveness detection. Highlights were "On the Exploration of DHCP" and "Liveness Detection with Open cv". • Evaluating Architecture Using Compact Modalities Eurasian Journal of Analytical Chemistry 2019 • Visualizing Neural Networks and Randomized Algorithms Eurasian Journal of Analytical Chemistry 2018 • A Trusted Management Model for Safe Cloud Storage International Journal of Pure and Applied Mathematics 2017
Patent Publication	:	<ul style="list-style-type: none"> • Ai-Enhanced Battery Technologies with Carbon Nanotube-Infused Conductive Additives 27/09/2024 • Intelligent Battery Management System for Solar Photovoltaic Systems with IOT Integration 14/06/2024 • System and Method for Intelligent Resource Management using Deep Learning in Cloud Computing Environments 07/06/2024 • Machine Learning-Driven Multispectral Fusion For Enhanced Object Detection In Remote Sensing Images 15/12/2023
Honors & Awards	:	In recognition of the commitment to achieving professional excellence, I have successfully satisfied the requirements for Machine Learning Using Python - Level 1, awarded by IBM

FDP & Workshop Attended Details	:	<ul style="list-style-type: none"> • Participated in the AICTE NITTR Recognized Faculty Development Programme on Cloud, Fog and Edge Computing Conducted by Computer Science and Engineering Department from 18/09/2023 to 22/09/2023 (One Week) at St.Joseph College of Engineering, Chennai, Tamil Nadu • Deep Learning for Engineering Applications Conducted by Computer Science and Engineering Department from 02/09/2024 to 06/09/2024 (One Week) at St Joseph's College of Engineering • Participated in the NPTEL AICTE Recognized Faculty Development Programme on Python for Data Science 2024
Professional Membership	:	IAENG, ACM
LinkedIn ID	:	Linkedin.con/in/dr-allin-geo-vargheese-1aa00121
Google Scholar ID	:	https://scholar.google.com/citations?user=wGeP-n0AAAAJ&hl=en
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