NANJIL CATHOLIC COLLEGE OF ARTS AND SCIENCE
KALIYAKKAVILAI

FACULTY PROFILE

Name	D. SUJA MARY
Department	Computer Science
Designation	Assistant Professor
Address	Vadakku Vilai Veedu, Painkulam Post, Puthukkadai. Kanya Kumari Dist.
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Academic Qualifications (with Name of Degree awarding university)

S.No	Course	Board/University	Year	Percentage
1.	B.Sc	Manonmanium Sundaranar University	2002	72.5
2.	M.Sc	Manonmanium Sundaranar University	2005	74.9
3.	M.Phil	Bharathidhasan University	2008	86.4
4.	SET	Mother Teresa Women's University	2018	

Teaching Experience

Level	Years of Service	Institution
UG	12 yrs 4months	Annai Velilankanni College, Saidapet, Annai Valankanni College, Tholayavattam, J.H.A Agarsen College, Chennai, Nanjil Catholic College of Arts and Science, Kaliyakkavilai.
PG	5 yrs	J.H.A Agarsen College, Chennai, Nanjil Catholic College of Arts and Science, Kaliyakkavilai.
UG & PG	12 yrs 4months	

		International	National
Specialization			
Publications/ Participation in Seminars/ Conferences etc	No. of Research Papers in Journals	7	-
	No. of Publications in Conference Proceedings	2	2
	No. of Conferences Participated in	-	-
	Books		2
Projects			
Details of Research Supervision	On going	Completed	
Honours and Awards	"Best Young Faculty Award", Novel Research Academy, Puducherry, India. UAN:PY03D0003488, 9th November 2019.		
Posts held			
Any other Information			

List of Publications:

1. D Suja Mary and Dr.M Suriakala "**Detection of Causative Attack and Prevention Using CAP Algorithm on Training Datasets**" Inventive Computation Technologies(ICICIT 2019), ISSN 2367-3370, ISSN 2367-3389(electronic) Lecture Notes in Network and Systems 98, Pg 431–440.(**Springer Nature Switzerland AG 2020**). Impact Factor:1.17, DOI: http://doi.org/10.1007/978-3-030-33846-6_48.

2. D Suja Mary and Dr.M Suriakala "**Evasion Attack on Text Classified Training Datasets**" International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-6S, August 2019. Impact Factor: 1.097. DOI: 10.35940/ijeat.F1009.0886S19

3. D Suja Mary and Dr.M Suriakala "**A Study of Security Threats and Defense Methods on Machine Learning Training Datasets**" Journal of Engineering Science (JES), ISSN: 0377-9254, Volume 11, Issue 4, April 2020, Pg 652-661. Impact Factor: 6.54, DOI: 10.15433.JES.2020.V11I4.43P.89

4. D Suja Mary and Dr.M Suriakala "**Analysis of Evasion Attack Defense Methods in Text Classified Training Dataset**" The International journal of analytical and experimental modal analysis, ISSN NO:0886-9367, Volume XII, Issue IV, April 2020, Pg 897-904. Impact Factor: 6.3. DOI:18.0002.IJAEMA.2020.V12I3.200001.0156401

5. D Suja Mary and Dr.M Suriakala "**A Comparison of SVM and NB Machine Learning Algorithms Performance on Training Dataset**" Journal of Information and Computational Science, ISSN: 1548-7741, Volume 10 Issue 4 – 2020, Pg 401-407. Impact Factor: 6.2. DOI:10.12733.JICS.2020.V10I4.535569.12248

6. D. Suja Mary and Dr.M Suriakala "**Defense on Training Datasets Against Membership Inference Attack**", Palarch's Journal of Archaeology of Egypt/Egyptology 17(7), ISSN 1567-214x, October 2020, Pg. 4899-4908. Impact Factor: 0.11.
https://archives.palarch.nl/index.php/jae/issue/view/106

7. Dr. M. Sundara Rajan, Dr. M. Suriakala and Mrs. D. Suja Mary "Detecting and Defending against Backdoor Attack on Training Dataset" JOURNAL OF ENGINEERING, COMPUTING & ARCHITECTURE, Volume 11, Issue 7, JULY – 2021, pg. 311-320
http://www.journaleca.com/gallery/jeca%20-%202472.pdf

8. Dr. T.S. Umamaheswari, Dr. S. Babu and D.Suja Mary, "Environmental Studies", Charulatha Publications, www.charulathapublications.com.

9. Dr. T.S. Umamaheswari, Dr. S. Babu and D.Suja Mary, "Problem Solving using Python", Charulatha Publications, www.charulathapublications.com.

List of Conferences:

1. D Suja Mary and Dr. M Suriakala presented a paper titled, "**A study of Phishing ScamEmail Classification and Protection of Data from Phishing Threat**", in the national conference on Innovation Information Technologies jointly organized by Department of Computer Science and Computer Applications and Software Applications for Thiruthangal Nadar College on 19th September 2018.

2. D Suja Mary presented a paper titled, "**Survey on Cyber Crime – Problem Issues and Protection Technology**", in the national conference on Digital Economy Opportunities and Challenges ICON'19 organized by Jayagovind Harigopal Agarwal Agarsen College of Arts & Science on 22nd February 2019.

3. D Suja Mary and Dr.M Suriakala presented a paper titled "**A study of Machine Learning and security Threat Issues on Dataset**" National Conference on Research Advances in Information & Communication Technology NCRAICT -2019 on March 2019.

4. D Suja Mary and Dr. M Suriakala presented a paper titled "**Review on Whitebox and Blackbox Attacks In Machine Learning Algorithms**" International Conference on Innovation Integration in Commerce, Management and Information Technology, on August 10, 2019, ISSN 2249-8672, IJEMR – Special Issue August 2019.

5. D Suja Mary and Dr. M Suriakala presented a paper titled "**A Study on Adversarial Examples in Training Datasets**" International Conference on Computing Paradigms ICCP-2019, on August 31, 2019, International Journal of Communication and Networking System, ISSN: 2278-2427, Volume: 08, Issue: 01, June 2019, Pg 56-61.

List of Conferences/ Seminar Participated:

1. Attended one Day Workshop on '**Improving Research Documentation with LaTeX**' organized by the Research Department of Computer Science, Dr Ambedkar Government Arts College (Autonomous), Chennai on 20th February 2017.
2. Attended short term courses on "**Workshop for Research Scholars on Information Technology**" organized by Human Resource Development center, University of Madras, Chennai, held from 26.03.2018 to 28.03.2018.
3. Attended two day National Seminar on "**Future India – Science and Technology**" organized by the Department of Advanced Zoology and Biotechnology in Association with Indian Science Congress Association – Chennai chapter held on 27th and 28th February 2019.
4. Attended one day International Workshop on "**Application of IOT(Internet of Things)**" organized by PG and Research Department of Computer Science and Applications, Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Arumbakkam, Chennai, held on 16th July 2019.
5. Attended one day International Workshop on "**NEXTGEN Technologies– Data Science and Machine Learning with Python**" organized by the Department of Computer Science, Government Arts College for Men (Autonomous), Nandanam, Chennai, held on 21st August 2019.
6. Attended Three days online course on "**Application of Parametric Test in Research**" conducted by Senthi Research Advocacy Forum, Senthikumara Nadar College, viruthunagar from 20th May 2020 to 22nd May 2020.