

Name : Mrs. D. Sophia Navis Mary
 Qualification : MCA, MPhil (C.S), SET Qualified
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CONFERENCES ATTENDED / PRESENTED PAPER -2016-2022

1. Mrs.D. Sophianavismary ., Thasleema Begum., “A Scrutiny on web based application Vulnerabilities “*Paper presented in International Conference on Cyber Criminology, Digital Forensics & Information Security 2017* on 17 & 18 February 2017. published in conference proceedings ISBN:978-93-81992-58-6
2. Mrs.D. Sophianavismary ., Thasleema Begum.,”An Algorithm for moderating DOS Attack in web based application”, *Paper presented in IEEE-International Conference on Technical Advancement in computers and Communication 2017* on 10 & 11th April 2017 published in conference proceedings ISBN:978-15-09047-97-0
3. Mrs.D. Sophianavismary ., Thasleema Begum.,” Vulnerability Analysis on Attack Issues and Security Challenges in Web Application”, *Paper presented in 6th International Conference on Research Trends in Engineering Applied science and Management 2017* on 6th Aug 2017
4. Mrs.D. Sophia Navis Mary ., Priyadarshini.,” A study on Fragility on Digital Banking System”, *Paper presented in Third International Conference on Innovative & Emerging Trends in Engineering and Technology – ICIETET 18* on 9th March 2018.
5. Mrs.D. Sophia Navis Mary., Priyadarshini.,” Securing Digital Transaction using OTP”, *Paper presented in International Conference on Computer simulations in Natural sciences 2018.*

6. Mrs.D. Sophia Navis Mary., Mr.S.Gopinathan., ” A Crypto Primitive Behind the Integrity checking”, *Paper presented in International Conference on International conference on Mathematical Computer Engineering* on 23 & 24 Nov 2018 published in conference proceedings ISBN.978-93-81899-94-6
7. Mrs.D. Sophia Navis Mary., Mr.S.Gopinathan., ” Performance of Merkle Signature scheme in data Integrity verification at client”, *Paper presented in International Conference on Mathematical Computer Engineering(ICMCE 2020)* on 21 & 22 Feb 2020 published in conference proceedings ISBN.978-93-81899-37-3
8. Mrs .D.Sophia Navis Mary’ , Ms.Yazhini.,” Drug delivery model using Machine learning” paper presented in International conference on March 29 and 30th 2021 organized by Govt.Arts college for Men(Autonomous),Nandanam collaboration with TNSCST and TANSICHE.
9. Mrs .D. Sophia Navis Mary., Mr.S.Gopinathan., ” Community Data sharing of E-Resources system using K-Medoids Algorithm”, *Paper presented in International Conference on Recent Revolutions in Mathematics, computer science and Applications* on Sep 9 and 10th 2022 organized by A.M.Jain College, Meenambakkam, Chennai-61 published in conference proceedings

FDP/STTP Attended

1. “ Trending Technologies” organized by MEASI Institute of Information Technology on Nov2022
2. “Research Methodology” organized by St.Anne’s Arts and Science College, Chennai on 6-11 Jul 2022
3. “Data science and Machine Learning Techniques” organized by Presidency College, Bengaluru 25-29 Apr 2022 .
4. “Advances of Cryptography in Quantum Computing “Organized by College of Engineering, Guindy on 22-26 Nov2021
5. “Blockchain Technology “Organized by Govt. Engg College, Dharmapuri on 23-27 Aug2021
6. “Advanced cloud computing Technologies” Organized by Infflibnet centre, Gujrat on 13-17 -SEP 2021
7. “Applications of Blockchain Technology and AI in services sector” Organized by Acharya Bangalore B School on 20-24- Sep 2021
8. “ Application of R in Management Research” organized by PSGR Krishnammal college for women on 07-12 Dec 2020
9. “Cyber Security Eessentials” Organized by ICT Academy on 17-22 Aug2020

10. “ An Effective Research Paper Writing” organized by Bhawan Mahavir University,surat on Apr13-16,2020

Certificate Course:

1. **Digital Teaching Technique** by ICT Academy
2. **Completed NPTEL course on “ Design and Analysis of Algorithms”**

WEBINAR [National/International] Attended

1. “ IoT and its Security “ organized by Yelagiri Hills ACM Chapter and DonBosco College on 30 Apr 2022.
2. “ Predictive Analytics using Machine Learning with Handson(Python) “ organized by Yelagiri Hills ACM Chapter and DonBosco College on 23 Oct 2021
3. “Nanoinformatics in Healthcare-II” organized by Department of Computer science, University of Madras, on 31-Aug-2021
4. “Change is the Essence of Life” organized by ICT Academy on 25May 2020.
5. “Research Workshop” organized by Rohini College of Engineering on 4-6 May 2020.
6. “Leading in the VUCA World” organized by ICT Academy on 23-24Apr 2020.

SEMINAR Attended [National/International]

1. “ Network and Hardware Security Challenges” organized by CEG,Anna University on 11,12-03-2019.
2. “How to write and Publish a Research Article in Scopus Indexed Journal” organized by DB Jain College, Thoraipakkam on 02-03-2019.
3. International workshop on “Optimization algorithms ,Graph theory and Geometrical flows in Modern Computing” organized by VIT University, Chennai on 23,24-11-2018
4. “Cloud Computing with AWS” ” organized by SSN College of Engineering, Chennai on 24-01-2018
5. “Innovative an Research Intensive Teaching in Higher Education” jointly organized by Brunel University, London and Ethiraj College IQAC centre on 4-08-2018
6. “Succeeding in Research” organized by Vel Tech &Dr. SR University on 9,10-11-2017

JOURNAL PUBLICATIONS

S.No	Journal Name	UGC/SC I/SCIE/ WOS	ISBN/ISS N/Number	Title	Date of Publication/DOI
1	Journal of Asiatic society of Mumbai	UGC	0972-0766	Community detection of e-resources system using k-medoids algorithm	Dec 2022

2	International Journal of Mathematics and Computer science, 15(2020)	WOS	ISSN1814-0432	Performance of Merkle Signature Scheme in Data Integrity Verification at Client	No 4, September 2020
3	IEEE Explore Digital Explore	SCI	ISBN 978-1-5090-4797-0	An algorithm for moderating DoS attack in web based application	16 October 2017
4	IJCMS	UGC	ISSN 2550-1371	Vulnerability Analysis and Security Challenges In Web Application	Volume 6,Issues 8 August 2017
5	IJESC	Peer-Reviewed	ISSN 2347-8527	The Role of Secure Replay OLSR for Mitigating Various Attacks in MANET	Volume 7,Issue 3, March2017