

**Sri Sivasubramaniya Nadar College of Engineering**  
**Department of Computer Science & Engineering**

**Faculty Conference Publications (2013 July – May 2024)**

1. Rajalakshmi Sivanaiah, Nishaanth Ramanathan, Angel Deborah S and MirnalineeThanka Nadar Thanagathai, "TechSSN at SemEval-2023 Task 12: Monolingual Sentiment Classification in Hausa Tweets." In Proceedings of the The 17th International Workshop on Semantic Evaluation (SemEval-2023), pages 1190–1194, as a part of The 61st Annual Meeting of the Association for Computational Linguistics (ACL 2023), July 9-14, 2023, Toronto, Canada. Association for Computational Linguistics., July 2023.
2. Sheerin Sitara Noor Mohamed and Kavitha Srinivasan, SemEval-2023 Task 7: Semantic Rule Based Label Prediction Using TF-IDF and BM25 Techniques. In *Proceedings of the 17th International Workshop on Semantic Evaluation (SemEval-2023)*, pp. 950–957, Toronto, Canada. Association for Computational Linguistics, July 2023 <http://dx.doi.org/10.18653/v1/2023.semeval-1.131>
3. Thenmozhi D,AP/CSE published a paper titled "Brainstormers\_msec at SemEval-2023 Task 10: Detection of sexism related comments in social media using deep learning" in SemEval 2023 during July 2023.
4. Bhat, A., Kaladharshini, K., Menon, K., Babu, C. (July 2023). AJNA - Voice Assisted Captioning Tool for the Blind. In: Chandran K R, S., N, S., A, B., Hamead H, S. (eds) Computational Intelligence in Data Science. ICCIDS 2023. IFIP Advances in Information and Communication Technology, vol 673. Springer, Cham. pp. 243-253. [https://doi.org/10.1007/978-3-031-38296-3\\_19](https://doi.org/10.1007/978-3-031-38296-3_19),
5. Beulah A., Harshavardhan Parandaman and Logesh Dinakaran, "Java code obfuscator to prevent reverse engineering of android application" in AIP conference proceedings, vol. 2790, no. 1. AIP Publishing, August 2023.
6. Varsha Balaji, Aishwarya Kannan , Aishwarya Balaji and Bharathi Bhagavath Singh, "NLP\_SSN\_CSE at HOPE2023@IberLEF : Multilingual Hope Speech Detection using Machine Learning Algorithms", IberLEF 2023, September 2023, Jaén, Spain, CEUR workshop proceedings, Vol. 3496, pp.1-9, URL: <https://ceur-ws.org/Vol-3496/hope-paper5.pdf>, (Available online: 5-10-2023)
7. Dhanya Krishnan, Divya Srinivasan and Kavitha Srinivasan, MEDIQA-Sum 2023: Medical Dialogue Summarization using Linear Support Vector Classification Technique", CLEF 2023: Conference and Labs of the Evaluation Forum, September 18–21, 2023, Thessaloniki, Greece. <https://www.dei.unipd.it/~faggioli/temp/CLEF2023-proceedings/paper-127.pdf>
8. Sheerin Sitara Noor Mohamed and Kavitha Srinivasan, "SSN MLRG at ImageCLEFmedical Caption 2023: Automatic Concept Detection and Caption Prediction using ConceptNet and Vision Transformer", CLEF 2023: Conference and Labs of the Evaluation Forum, September 18–21, 2023, Thessaloniki, Greece. <https://www.dei.unipd.it/~faggioli/temp/CLEF2023-proceedings/paper-133.pdf>
9. Sheerin Sitara Noor Mohamed and Kavitha Srinivasan, "SSN MLRG at MEDIQA-SUM 2023: Automatic Text Summarization using Support Vector Machine and RoBERTa", CLEF 2023: Conference and Labs of the Evaluation Forum, September 18–21, 2023, Thessaloniki, Greece.

<https://www.dei.unipd.it/~faggioli/temp/CLEF2023-proceedings/paper-134.pdf>

10. Sheerin Sitara Noor Mohamed, Kavitha Srinivasan and Raghuraman Gopalsamy, “SSN MLRG at MEDVQA-GI 2023: Visual Question Generation and Answering using Transformer based Pre-trained Models”, CLEF 2023: Conference and Labs of the Evaluation Forum, September 18–21, 2023, Thessaloniki, Greece.  
<https://www.dei.unipd.it/~faggioli/temp/CLEF2023-proceedings/paper-135.pdf>
11. Dhivya Subburam, Shriram M SathyaNarayanan, Bhavana Anand, Kavitha Srinivasan and Mohanavalli Subramaniam, “DMK-SSN at ImageCLEF 2023 Medical: Controlling the Quality of Synthetic Medical Images Created via GANs using Machine Learning and Image Hashing Techniques”, CLEF 2023: Conference and Labs of the Evaluation Forum, September 18–21, 2023, Thessaloniki, Greece.  
<https://www.dei.unipd.it/~faggioli/temp/CLEF2023-proceedings/paper-141.pdf>
12. Saranya S and Bharathi B. 2023. SANBAR@LT-EDI-2023: Automatic Speech Recognition: vulnerable old-aged and transgender people in Tamil. In Proceedings of the Third Workshop on Language Technology for Equality, Diversity and Inclusion, pages 155–160, Varna, Bulgaria. INCOMA Ltd., Shoumen, Bulgaria. URL: <https://aclanthology.org/2023.ltedi-1.23>, (Available online: 14-11-2023), September 2023.
13. Suhasini S and Bharathi B. 2023. ASR\_SSN\_CSE@LTEDI- 2023: Pretrained Transformer based Automatic Speech Recognition system for Elderly People. In Proceedings of the Third Workshop on Language Technology for Equality, Diversity and Inclusion, pages 161–165, Varna, Bulgaria. INCOMA Ltd., Shoumen, Bulgaria. URL: <https://aclanthology.org/2023.ltedi-1.24> (Available online: 14-11-2023) September 2023.
14. Priyadharshini Thandavamurthi, Samyuktaa Sivakumar, Shwetha Sureshnathan, Thenmozhi D., Bharathi B, and Gayathri Gl. 2023. TERCET@LT-EDI-2023: Hope Speech Detection for Equality, Diversity, and Inclusion. In Proceedings of the Third Workshop on Language Technology for Equality, Diversity and Inclusion, pages 257–261, Varna, Bulgaria. INCOMA Ltd., Shoumen, Bulgaria. URL: <https://aclanthology.org/2023.ltedi-1.39> (Available online: 14-11-2023), September 2023.
15. Shwetha Sureshnathan, Samyuktaa Sivakumar, Priyadharshini Thandavamurthi, Thenmozhi D., Bharathi B, and Kiruthika Chandrasekaran. 2023. Tercet@LT-EDI-2023: Homophobia/Transphobia Detection in social media comment. In Proceedings of the Third Workshop on Language Technology for Equality, Diversity and Inclusion, pages 266–271, Varna, Bulgaria. INCOMA Ltd., Shoumen, Bulgaria. URL: <https://aclanthology.org/2023.ltedi-1.41> (Available online: 14-11-2023) September 2023.
16. Premjith B, Jyothish Lal G, Sowmya V, Bharathi Raja Chakravarthi, Rajeswari Natarajan, Nandhini K, Abirami Murugappan, Bharathi B, Kaushik M, Prasanth Sn, Aswin Raj R, and Vijai Simmon S. 2023. Findings of the Shared Task on Multimodal Abusive Language Detection and Sentiment Analysis in Tamil and Malayalam. In Proceedings of the Third Workshop on Speech and Language Technologies for Dravidian Languages, pages 72–79, Varna, Bulgaria. INCOMA Ltd., Shoumen, Bulgaria. URL: <https://aclanthology.org/2023.dravidianlangtech-1.10> (Available online: 14-11-2023), September 2023.
17. Varsha Balaji, Shahul Hameed T, and Bharathi B. 2023. NLP\_SSN\_CSE@DravidianLangTech: Fake News Detection in Dravidian Languages using Transformer Models. In Proceedings of the Third Workshop on Speech and

Language Technologies for Dravidian Languages, pages 133–139, Varna, Bulgaria. INCOMA Ltd., Shoumen, Bulgaria. URL: <https://aclanthology.org/2023.dravidianlangtech-1.17> (Available online: 14-11-2023), September 2023.

18. Thenmozhi D,AP/CSE published the below paper in ACL Anthology. Madhumitha, M., C. Jerin Mahibha, Durairaj Thenmozhi, "TechWhiz@ LT-EDI: Transformer Models to Detect Levels of Depression from Social Media Text." Proceedings of the Third Workshop on Language Technology for Equality, Diversity and Inclusion, pp. 198-203, Sep 2023.
19. Thenmozhi D,AP/CSE published the below paper in ACL Anthology. Hegde, Asha, Bharathi Raja Chakravarthi, Hosahalli Lakshmaiah Shashirekha, Rahul Ponnusamy, Subalalitha Cn, S. K. Lavanya, Durairaj Thenmozhi, Martha Karunakar, Shreya Shreeram, and Sarah Aymen. "Findings of the shared task on sentiment analysis in tamil and tulu code-mixed text." In Proceedings of the Third Workshop on Speech and Language Technologies for Dravidian Languages, pp. 64-71. Sep 2023.
20. Thenmozhi D,AP/CSE published the below paper in ACL Anthology. Avanthika, K., Mrithula Kl, and D. Thenmozhi. "SSN-NLP-ACE@ Multimodal Hate Speech Event Detection 2023: Detection of hate speech and targets using logistic regression and svm." In Proceedings of the 6th Workshop on Challenges and Applications of Automated Extraction of Socio-political Events from Text, pp. 66-70. September 2023.
21. Thenmozhi D,AP/CSE published the below paper in ACL Anthology. Kayalvizhi S, Thenmozhi D., Bharathi Raja Chakravarthi, Jerin Mahibha C, Kogilavani S V and Pratik Anil Rahood, "Overview of the shared task on Detecting Signs of Depression from Social Media Text", Proceedings of the Third Workshop on Language Technology for Equality, Diversity and Inclusion, pp. 25-30. Sep 2023.
22. Thenmozhi D,AP/CSE published the below paper in ACL Anthology. Priyadharshini Thandavamurthi, Samyukta Sivakumar, Shwetha Sureshnathan, Thenmozhi D., Bharathi B and Gayathri GL, "TERCET@LT-EDI-2023: Hope Speech Detection for Equality, Diversity, and Inclusion", Proceedings of the Third Workshop on Language Technology for Equality, Diversity and Inclusion, pp. 257-261. Sep 2023.
23. Palaniraj, Harshida Sujatha, Keerthan Vinod, Mohith Adluru, Bhuvana Jayaraman, and M. TT. "MLRG-JBTTM at MEDIQA-sum 2023: Dialogue2topic classification." CEUR workshop proceedings, Vol. 3497, pp.1711-1719, CLEF, 2023.
24. Venkatasai Ojus Yenumulapalli, Vijai Aravindh R, Rajalakshmi S, Angel Deborah S, TechSSN1@LT-EDI: Depression Detection and Classification using BERT Model for Social Media Texts, In Proceedings of the Third Workshop on Language Technology for Equality, Diversity and Inclusion, LT-EDI 2023, conducted as a part of 14th International Conference Recent Advances in Natural Language Processing (RANLP), pages 149–154, Varna, Bulgaria, Sep 7, 2023.  
[https://doi.org/10.26615/978-954-452-084-7\\_022](https://doi.org/10.26615/978-954-452-084-7_022)
25. Vaidhegi D, Priya M, Rajalakshmi S, Angel Deborah S, Minalinee T T, SSNTech2@LT-EDI-RANLP-2023: Homophobia/Transphobia Detection in Social Media Comments Using Linear Classification Techniques, In Proceedings of the Third Workshop on Language Technology for Equality, Diversity and Inclusion, LT-EDI 2023, conducted as a part of 14th International Conference Recent Advances in Natural Language Processing (RANLP), pages 166–171, Varna, Bulgaria, Sep 7, 2023.  
[https://doi.org/10.26615/978-954-452-084-7\\_025](https://doi.org/10.26615/978-954-452-084-7_025)
26. Krupa Elizabeth Thannickal, Sanmati P, Rajalakshmi S, Angel Deborah S, TechSSN4@LT-EDI-RANLP2023: Depression Sign Detection in Social Media Postings using DistilBERT Model, In Proceedings of the Third Workshop on Language

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[https://doi.org/10.26615/978-954-452-084-7\\_036](https://doi.org/10.26615/978-954-452-084-7_036)
27. Sathvika V S, Vaishnavi S, Angel Deborah S ,Rajalakshmi S, Mirnalinee T T, The Mavericks@LT-EDI: Detection of Signs of Depression from Social Media Text Quotes using Naive Bayes Approach, In Proceedings of the Third Workshop on Language Technology for Equality, Diversity and Inclusion, LT-EDI 2023, conducted as a part of 14th International Conference Recent Advances in Natural Language Processing (RANLP), pages 244–249, Varna, Bulgaria, Sep 7, 2023.  
[https://doi.org/10.26615/978-954-452-084-7\\_037](https://doi.org/10.26615/978-954-452-084-7_037)
  28. Hema M, Anza Prem, Rajalakshmi S, Angel Deborah S, Athena@DravidianLangTech: Abusive Comment Detection in Code-Mixed Languages using Machine Learning Techniques, In proceedings of Third Workshop on Speech and Language Technologies for Dravidian Languages, conducted as a part of 14th International Conference Recent Advances in Natural Language Processing (RANLP), pages 147–151, Varna, Bulgaria, Sep 7, 2023.  
[https://doi.org/10.26615/978-954-452-085-4\\_019](https://doi.org/10.26615/978-954-452-085-4_019)
  29. Rajalakshmi S, Rajasekar S, Srilakshmisai K, Angel Deborah S, Mirnalinee T T, Avalanche@DravidianLangTech: Abusive Comment Detection in Code Mixed Data Using Machine Learning Techniques with UnderSampling, In proceedings of Third Workshop on Speech and Language Technologies for Dravidian Languages, conducted as a part of 14th International Conference Recent Advances in Natural Language Processing (RANLP), pages 166–170, Varna, Bulgaria, Sep 7, 2023.  
[https://doi.org/10.26615/978-954-452-085-4\\_022](https://doi.org/10.26615/978-954-452-085-4_022)
  30. Sarika Esakkimuthu and Prabavathy Balasundaram, “VerbaVisor@Multimodal Hate Speech Event Detection 2023: Hate Speech Detection using Transformer Model”, Proceedings of the 6th Workshop on Challenges and Applications of Automated Extraction of Socio-political Events from Text, Varna, Bulgaria, Sep 7, 2023, pp. 79–83.
  31. Prabavathy Balasundaram, G Gnana Sai, Kishore N, Olirva M, Makesh Vaibhav A., Naren Srinivasan Murali, and Parlapalli Sai Harshith, "Efficient Fusion Techniques for Result Diversification and Image Interestingness Tasks", In: CEUR Workshop Proceedings, CLEF 2023 Conference and Labs of the Evaluation Forum, September 18-21, 2023, Thessaloniki, Greece, Vol. 3497, pp. 1403-1414.
  32. Danush G1, Pradeeshwar A2, Tharun Kumar DS3, Vamsi Krishna NK4 D. Venkata Vara Prasad5 ``Machine Learning and Ensemble Techniques for Water Quality Analysis of Korattur Lake” IN 4th IEEE Global Conference for Advancement in Technology (GCAT) , Bangalore, India. Oct 6-8, 2023 979-8-3503-0525-8/23/\$31.00 ©2023 IEEE
  33. Balasubramanian V, "Early Prediction Of Stock Market Movements Using News Analytics And Deep Learning" in IEEE 4th International Conference on Communication, Computing, and Industry 6.0 (C2I6-2023) organized by CMR Institute of Technology in Bengaluru during 15-16 December 2023.
  34. Venkata vara Prasad Prof/CSE, GowriGanesan presented a paper titled “ Generating creative classical music by learning and combining existing styles” in 4th IEEE International Conference on Communication computing and industry 6.0 (C2I6-2023) organized by CMR Institute of Technology, Bengaluru on 15-16 December 2023.

35. Chamundeswari A., Sowmya Ramesh, Subhiksha Selvarayan, and Vaishnavi Mavalli Raghav, "A Multistage Malware Detection and Classification Model using Visual Features", IEEE 4th International Conference on Communication, Computing and Industry 6.0 (C2I6 - 2023) Dec 15 - 16, 2023.
36. Rohith Arumugam S, and Dr Angel Deborah S, "Enhancing Binary Code Comment Quality Classification: Integrating Generative AI for Improved Accuracy", 15th meeting of Forum for Information Retrieval Evaluation 2023 held at Goa University, Panjim, India during 15th-18th December 2023.
37. Samah Syed and Dr Angel Deborah S, "Leveraging Generative AI:Improving Software Metadata Classification with Generated Code-Comment Pairs", 15th meeting of Forum for Information Retrieval Evaluation 2023 held at Goa University, Panjim, India during 15th-18th December 2023.
38. Advaith Nila Narayanan, Shyam Sundar Das, TT Mirnalinee, " Prediction of DILI in Humans: Investigating Opportunities in DILIST Data, Chemical Features, Machine Learning and Rule-Based Methods", 2023 IEEE International Conference on Bioinformatics and Biomedicine (BIBM), 3103-3110, December 2023.
39. Advaith Nila Narayanan, Shyam Sundar Das, TT Mirnalinee, "Evaluation of AutoML Frameworks for Computational ADMET Screening in Drug Discovery & Development", 2023 IEEE International Conference on Bioinformatics and Biomedicine (BIBM), 4929-4931, December 2023.
40. S.Dhivya Bharkavi, S. Kavitha, ASP/CSE, M. Harini and M. V. Harish Kumar published a paper titled as "Emotion Classification Using Optimized Features and Ensemble Learning Techniques for EEG Dataset", IEEE International Conference on Sustainable Communication Networks and Application (ICSCNA), 15-17 Nov 2023, Theni, India, pp.845-851. Date Added to IEEE Xplore: 01 January 2024, DOI: 10.1109/ICSCNA58489.2023.10370380.
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42. R.Priyadharsini , Arvind.V, Harish.J , P. VettriChezhian and Mohanapriya.E,"NewsImages Fusion: Bridging Textual Context and Visual Content in Media Representation" in the task "NewsImages" in MediaEval 2023 on 2<sup>nd</sup> February 2024.
43. Bhuvana Jayaraman, Mirnalinee TT, Harshida Sujatha Palaniraj, Mohith Adluru and Sanjjit Sounderrajan, "Automated Recognition of Sports Scores using PyTesseract OCR and CNN: SportsVideo Task at MediaEval 2023", MediaEval'23: Multimedia Evaluation Workshop, CEUR, pp. 1-5, 2024.
44. Ashmi G V and R. Priyadharsini, "The Modern Approaches for Identifying Foreign Object Debris (FOD) in Aviation", 2nd International Conference on Integrated Circuits and Communication Systems (ICICACS 2024) organized by Department of ECE, Sir M Visvesvaraya College of Engineering, Raichur on 24th February 2024. (**Best paper award**).
45. Pooja Premnath, Venkatasai Ojus Yenumulapalli, Rajalakshmi Sivanaiah and Angel Deborah Suseelan, Optimizing Visual Pairings: A CLIP Framework for Precision News Image Rematching, 14th Multimedia Evaluation Workshop ( MediaEval'23:), conducted as a part of 30th International Conference on Multimedia Modeling (MMM

- 2024), February 1–2, 2024, Amsterdam, The Netherlands, CEUR Workshop Proceedings (CEUR-WS.org)
46. Abhinav Elliah, Mirunalini P, Keerthick V, Haricharan Bharathi, Anirudh Bhaskar, Vithula S, "Connecting Text and Images in News Articles using VSE++", Working Notes Proceedings of the MediaEval 2023 Workshop, Amsterdam, The Netherlands and Online, 1-2 February 2024, CEUR proceedings.
  47. Dhanya Srinivasan, Subhashree M, Mirunalini P, Jaisakthi S M, "Multimodal Learning for Image-Text Matching: A Blip-Based Approach", Working Notes Proceedings of the MediaEval 2023 Workshop, Amsterdam, The Netherlands and Online, 1-2 February 2024, CEUR proceedings.
  48. Mirunalini, V.Sanjhay, S Rohitram and M.Rohith, "MUSTI - Multimodal Understanding of Smells in Texts and Images Using CLIP ", Working Notes Proceedings of the MediaEval 2023 Workshop, Amsterdam, The Netherlands and Online, 1-2 February 2024, CEUR proceedings.
  49. Sripriya N, Thenmozhi Durairaj, Nandhini K, Bharathi B, Kishore Kumar Ponnusamy, Charmathi Rajkumar, Prasanna Kumar Kumaresan, Rahul Ponnusamy, Subalalitha Chinnaudayar Navaneethakrishnan, and Bharathi Raja Chakravarthi. 2024. Findings of Shared task on Sarcasm Identification in Code-Mixed Dravidian Languages. In Proceedings of the 15th Annual Meeting of the Forum for Information Retrieval Evaluation (FIRE '23). Association for Computing Machinery, New York, NY, USA, 22–24. <https://doi.org/10.1145/3632754.3633077> (Online 12-02-24).
  50. Lakshmi Priya Swaminatha Rao, Suresh Jaganathan, Sharan Giri, Snehapriya Murugan, Vaibhav Sankaran. (2024). Effects of Exogenous Factors and Bayesian-Bandit Hyperparameter Optimization in Traffic Forecast Analysis. In: Lanka, S., Sarasa-Cabezuelo, A., Tugui, A. (eds) Trends in Sustainable Computing and Machine Intelligence. ICTSM 2023. Algorithms for Intelligent Systems. Springer, Singapore. pp.123-138. [https://doi.org/10.1007/978-981-99-9436-6\\_9](https://doi.org/10.1007/978-981-99-9436-6_9)
  51. Ankitha Reddy A, Pranav Moorthi, Samyuktaa Sivakumar, Shwetha S, Prabavathy Balasundaram, A Hybrid Approach To Stroke Detection In Swimming, MediaEval 2023, Working Notes Proceedings of the MediaEval 2023 Workshop Amsterdam, The Netherlands and Online, 1-2 February 2024. pp. 1-5.
  52. Bharathi B, Bharathi Raja Chakravarthi, Sripriya N, Rajeswari Natarajan, and Suhasini S. 2024. Overview of the Third Shared Task on Speech Recognition for Vulnerable Individuals in Tamil. In Proceedings of the Fourth Workshop on Language Technology for Equality, Diversity, Inclusion, pages 133–138, St. Julian's, Malta. Association for Computational Linguistics. URL: <https://aclanthology.org/2024.ltedi-1.12> (Available online: 21-03-2024)
  53. A Reddy, Ann Thomas, Pranav Moorthi, and Bharathi B. 2024. SSN-Nova@LT-EDI 2024: Leveraging Vectorisation Techniques in an Ensemble Approach for Stress Identification in Low-Resource Languages. In Proceedings of the Fourth Workshop on Language Technology for Equality, Diversity, Inclusion, pages 216–220, St. Julian's, Malta. Association for Computational Linguistics. URL: <https://aclanthology.org/2024.ltedi-1.26> (Available online: 21-03-2024)
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60. Rajalakshmi Sivanaiah, Subhankar Suresh, Sushmithaa Pandian, and Angel Deborah Suseelan. presented a paper titled "Bridging the Language Gap: Transformer-Based BERT for Fake News Detection in Low-Resource Settings". published in In: Chakravarthi, B.R., et al. Speech and Language Technologies for Low-Resource Languages. SPELLL 2023. Communications in Computer and Information Science, vol 2046. pp. 398-411. Springer, Cham. April 2024. [https://doi.org/10.1007/978-3-031-58495-4\\_29](https://doi.org/10.1007/978-3-031-58495-4_29).
61. Ankitha Reddy A, Pranav Moorthi, Samyuktaa Sivakumar, Shwetha S, Prabavathy Balasundaram, A Hybrid Approach To Stroke Detection In Swimming, MediaEval 2023, Working Notes Proceedings of the MediaEval 2023 Workshop Amsterdam, The Netherlands and Online, 1-2 February 2024. pp. 1-5.
62. Swaminatha Rao, Lakshmi Priya, Jaganathan, Suresh. (2024). Hyperparameter Optimization Using Budget-Constrained BOHB for Traffic Forecasting. In: Das, S., Saha, S., Coello, C.A.C., Rathore, H., Bansal, J.C. (eds) Advances in Data-Driven Computing and Intelligent Systems. ADCIS 2023. Lecture Notes in Networks and Systems, vol 890. Springer, Singapore. [https://doi.org/10.1007/978-981-99-9531-8\\_18](https://doi.org/10.1007/978-981-99-9531-8_18)
63. Sripriya N, Thenmozhi Durairaj, Nandhini K, Bharathi B, Kishore Kumar Ponnusamy, Charmathi Rajkumar, Prasanna Kumar Kumaresan, Rahul Ponnusamy, Subalalitha Chinnaudayar Navaneethakrishnan, and Bharathi Raja Chakravarthi. 2024. Findings of

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