


STAFF BIO-FORM

Name of the Institution : SRI SAIRAM ENGINEERING COLLEGE

Name of the Department: M.TECH-Computer Science and Engineering **Staff ID:** SECT25CJ03

1	Name (in Block Letter) with initials at the end	:	Mrs. S. KAYALVIZHI		
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4	Mobile Number (valid and functional)	:	9600668255		
5	Nationality	:	Indian		
6	Community	:	MBC		
7	Gender	:	Female		
8	Date of Birth	:	20/05/1995		
8a	Designation	:	Assistant Professor		
9	Qualification	:	B.E., M.E. (CSE), (Ph.D)		
9a	Educational Qualification(s) :				
	Qualifications	Specialization	Board / University / Institution	Year of Passing	Percentage
	*UG	B.E. (Computer Science and Engineering)	Anna University / RMD Engineering College	2017	8.1 CGPA (First Class)

	*PG	M.E. (Computer Science and Engineering)	Anna University / Sri Sivasubramaniya Nadar College of Engineering		2019	8.1 CGPA (First Class)	
9b	Area of Specialization	Machine Learning, Deep Learning, Natural Language Processing					
10	Experience in other Institutions / Industry :						
	Name of the Organization	Designation	Period		Nature of work	Experience	
			From	To		Years	Month
	Jeppiaar University	Assistant Professor	1.11.2022	11.04.2025	Teaching	2	4
	Sri Sivasubramaniya Nadar College of Engineering	Junior Research Fellow (DST - SERB)	06.06.2019	28.02.2022	Research	2	8
	Total years of Experience					4	12

11	National/International - Conference(s)/Journals:
	<ol style="list-style-type: none"> 1. Kayalvizhi, Sampath; Durairaj, Thenmozhi; <i>PReLcAP: Precedence Retrieval from Legal Documents Using Catch Phrases</i>, Neural Processing Letters, Springer US, 2022, Jan-19. 2. Thenmozhi, D; Kayalvizhi, S; Aravindan, Chandrabose; <i>A Machine Learning Approach to Indian Native Language Identification</i>. FIRE (Working Notes), 2018, 68-76. 3. Kayalvizhi, S; Thenmozhi, D; Kumar, B Senthil; Aravindan, Chandrabose; <i>SSN_NLP@ IDAT-FIRE-2019: Irony Detection in Arabic Tweets using Deep Learning and Features-based Approaches</i>. FIRE (Working Notes), 2019, 439-444. 4. Kumar, B Senthil; Thenmozhi, D; Aravindan, Chandrabose; Kayalvizhi, S; <i>Tamil Paraphrase Detection using Long-Short Term Memory Networks</i>, 2019. 5. Kayalvizhi, S; Thenmozhi, D; Aravindan, Chandrabose; <i>Deep Learning Approach for Semantic Indexing of Animal Experiments Summaries in German</i>, 2019. 6. Kayalvizhi, S; Thenmozhi, D; Aravindan, Chandrabose; <i>Legal Assistance using Word Embeddings</i>. FIRE (Working Notes) , 2019, 36-39. 7. Kayalvizhi, S; Thenmozhi, D; <i>Deep Learning Approach for Extracting Catch Phrases from Legal Documents</i>, Neural Networks for Natural Language Processing, IGI Global, 2020, 143-158. 8. Sachin Krishan, T; Kayalvizhi, S; Thenmozhi, D; Rishi Vardhan, K; <i>SSN NLP at CheckThat! 2020: Tweet Check Worthiness Using Transformers, Convolutional Neural Networks and Support Vector Machines</i>, 2020. 9. Rishi Vardhan, K; Kayalvizhi, S; Thenmozhi, D; Sachin Krishan, T; <i>Transformers in Semantic Indexing of Clinical Codes</i> Working Notes of Conference and Labs of the Evaluation (CLEF) Forum. CEUR Workshop Proceedings, 2020. 10. Kumar, B Senthil; Thenmozhi, D; Kayalvizhi, S; <i>Tamil Paraphrase Detection Using Encoder-Decoder Neural Networks</i> International Conference on Computational Intelligence in Data Science, Springer, 2020, 30-42. 11. Kayalvizhi, S; Thenmozhi, D; Aravindan, Chandrabose; <i>SSN_NLP at SemEval-2020 task 7: Detecting funniness level using traditional learning with sentence embeddings</i> Proceedings of the Fourteenth Workshop on Semantic Evaluation, 2020, 865-870. 12. Rishivardhan, K; Kayalvizhi, S; Thenmozhi, D; Raghav, R; Sharma, Kshitij; <i>SSN-NLP at SemEval-2020 Task 4: Text Classification and Generation on Common Sense Context Using Neural Networks</i>, Proceedings of the Fourteenth Workshop on Semantic Evaluation, 2020, 580-584 13. Kayalvizhi, S; Thenmozhi, D; Aravindan, Chandrabose; <i>SSN_NLP@ SardiStance: Stance Detection from Italian Tweets using RNN and Transformers</i>, Proceedings of the 7th Evaluation Campaign of Natural Language Processing and Speech Tools for Italian (EVALITA 2020). CEUR-WS. Org, 2020. 14. S Kayalvizhi, D Thenmozhi, Aravindan C; <i>Best matching algorithm to identify and rank the relevant statutes</i> Proceedings of Forum of Information Retrieval (FIRE) CEUR Workshop Proceedings, 2020, 31--34. 15. Kayalvizhi, Sampath; Durairaj, Thenmozhi; Chakravarthi, Bharathi Raja, Jerin Mahibha, C; <i>Findings of the shared task on detecting signs of depression from social</i>

- media* Proceedings of the Second Workshop on Language Technology for Equality, Diversity and Inclusion. Association for Computational Linguistics, 2022, 331–338.
16. Sachin Krishan T; **Kayalvizhi, S**; Thenmozhi, D; Rishivardhan, K; *SSN_NLP at CheckThat! 2020: Tweet Check Worthiness Using Transformers, Convolutional Neural Networks and Support Vector Machines*. CLEF (Working Notes), 2020.
 17. Mahibha, C Jerin; **Kayalvizhi, Sampath**; Thenmozhi, Durairaj; Arunima, Sundar; *Offensive language identification using machine learning and deep learning techniques*, 2021.
 18. Shridhar, B Sai; **Kayalvizhi, S**; Thenmozhi, D; *Simple Transformers in Rhetoric Role Labelling for Legal Judgements*, 2021.
 19. Mahibha, C Jerin; **Kayalvizhi, Sampath**; Thenmozhi, Durairaj; *Sentiment Analysis using Cross Lingual Word Embedding Model*, 2021.
 20. **Kayalvizhi, Sampath**; Thenmozhi, Durairaj; *Data set creation and empirical analysis for detecting signs of depression from social media postings*, International Conference on Computational Intelligence in Data Science Springer, Cham, 2022, 136-151.
 21. Sampath, **Kayalvizhi**; Durairaj, Thenmozhi; Chakravarthi, Bharathi Raja; Jerin Mahibha C, Kogilavani Shanmugavadivel, and Pratik Anil Rahood. 2023. *Overview of the second shared task on detecting signs of depression from social media text* Proceedings of the Third Workshop on Language Technology for Equality, Diversity and Inclusion, Varna, Bulgaria. Recent Advances in Natural Language Processing
 22. Thenmozhi, Durairaj; Mahibha, C Jerin; **Kayalvizhi, S**; Rakesh, M; Vivek, Y; Poojesshwaran, V; *Paraphrase Detection in Indian Languages Using Deep Learning* International Conference on Speech and Language Technologies for Low-resource Languages, Springer, 2022, 138-154.
 23. **Kayalvizhi, S**; Thenmozhi, Durairaj; Chakravarthi, Bharathi Raja; Kogilavani, SV; Rahood, Pratik Anil; *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, 2023, 25-30.

12	Achievements/FDP/Workshop/Webinar Attended:
	<p>Resource person</p> <ul style="list-style-type: none"> • “Data Analytics in Healthcare” gave a hands-on session on deep learning models in DST-SERB Sponsored Six Days FDP organized by Department of Computer Science and Engineering, Sri Sivasubramaniya Nadar College of Engineering (17/01/2022 - 22/01/2022) <p>Courses Completed:</p> <ul style="list-style-type: none"> • COURSERA: Web Application Technologies and Django • NPTEL: Python for Data Science (ELITE) • INFOSYS SPRINGBOARD: <ul style="list-style-type: none"> ○ Python for Data Science ○ Data Visualization using Python • Cambridge English Entry Level Certificate in ESOL International (Entry 3) <p>FDP Attended</p> <ul style="list-style-type: none"> • “Cloud Infrastructure (AWS)” - One week National Level Faculty Development Program organized by Dept. of CSE, JNTUK University (21/08/2023 - 25/08/2023) • “Creative Thinking” - Three days Faculty Development Program by ICT Academy (18/07/2023 to 20/07/2023) • “Data Sciences” - AICTE Training and Learning (ATAL) Academy at MIT Campus, Anna University (14/12/2018 to 18/12/2018) • “Data Science Specialization using Python” - Five Days Faculty Development Program by Novitech R&D Private Limited (10/07/2023 to 14/07/2023) • “Exploring Next Generation Smart Solutions” - Three days online Faculty Development Program by Department of Information Technology, Sri Sivasubramaniya Nadar College of Engineering (06/03/2023 to 08/03/2023) • “Data Analytics in Healthcare” DST-SERB Sponsored Six Days FDP organized by Department of Computer Science and Engineering, Sri Sivasubramaniya Nadar College of Engineering (17/01/2022 - 22/01/2022) <p>Workshop Attended</p> <ul style="list-style-type: none"> • “IP Awareness/ Training Program” under National Intellectual Property Awareness Mission (23/04/2024)

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| | <ul style="list-style-type: none">● “Research Methodology” - Workshop by Department of Computer Science and Engineering, Sri Sivasubramaniya Nadar College of Engineering (28/02/2018)● “Data Science: Capstone” - Workshop by Department of Computer Science and Engineering, Sri Sivasubramaniya Nadar College of Engineering (24/03/2022)● “Text Analysis and Information Extraction” - Workshop by Department of Information Technology, Sri Sivasubramaniya Nadar College of Engineering (23/02/2025 to 25/02/2025)● “Applications of Deep Learning in Computer Vision” -Three days National Workshop by Department of Computer Science and Engineering, Sri Sivasubramaniya Nadar College of Engineering (10/02/2022 to 12/02/2022)● “International Workshop on Big Data Analytics” BIRAC Sponsored Six Days FDP organized by Department of Computer Science and Engineering, Sri Sivasubramaniya Nadar College of Engineering (28/05/2020 - 30/05/2020) |
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