

CURRICULAM VITAE

MURUGAN.S, B.E, M.E, (Ph.D)

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PROFILE SUMMARY

Computer Science professional **with total of 12+ years of Experience** including **9 years of Teaching Experiences in well reputed Engineering Colleges** and **3 years of Industry Experiences**. Adept at designing and delivering engaging coursework in various subjects while integrating practical tools and methodologies from industry to bridge theory and real-world application. Enthusiastically seeking an **Assistant Professor** role in Computer Science & Engineering to leverage combined academic and industrial expertise in shaping future-ready engineers.

Research Experience

July 2024: Enrolled PhD at VTU, Belagum (Part-Time) from the faculty of Information and Communication Engineering.

Teaching Experience:

Jan 2026 – At Present: Assistant Professor | RV Institute of Technology and Management, Bengaluru, India (2 Months).

- Delivered engaging lectures, seminars, and tutorials, increasing class productivity.
- Implemented strategic lesson planning, monitoring progress and performance against set targets.
- Mentored students interested in long-term careers in the field on course materials, career opportunities, and Research.

May 2023 – Dec 2025: Assistant Professor | Sri Venkateshwara College of Engineering, Bengaluru, India (1 Year & 8 Months).

- Delivered engaging lectures, seminars, and tutorials, increasing class productivity.
- Implemented strategic lesson planning, monitoring progress and performance against set targets.
- Mentored students interested in long-term careers in the field on course materials, career opportunities, and Research.
- Involved in various departmental activities such as Department Event Co-Coordinator, Workshop, FDP, and NBA assignments.

September 2012 - April 2019: Assistant Professor & Placement Officer | Sri Aravindar Engineering College | Villupuram, India (7 Years & 1 Month).

- Delivered engaging lectures, seminars, and tutorials, increasing class productivity.
- Implemented strategic lesson planning, monitoring progress and performance against set targets.
- Mentored students interested in long-term careers in the field on course materials, career opportunities, and Research.

Industrial Experience:

September 2019 –April 2022: Editorial Head | Verve Research Solutions | Pondicherry, India India (3 Years & 1 Month).

- Assigning the resource and task to individuals based on findings and client's requirements.
- Supervised of editorial team: assigning articles, and overseeing publication schedules.
- Making decisions, in collaboration with the editorial team, on submissions.
- Oversees the daily activities of the journal.

- Handling all the data relevant to the projects effectively to meet the delivery on time and customer's expectations.
- Overall maintenance of the Administration and Production department

EDUCATIONAL QUALIFICATION

Course	Year Of Passing	Name Of The Institution	Board / University	%Scored	Class
Ph.D (CSE)	2024 (Enrolled)	Sri Venkateshwara College of Engineering, Bengaluru.	VTU, Belagum	Pursuing	Pursuing
M.E (CSE)	2012	Hindustan Institute Of Technology and Science, Chennai.	Hindustan University	83%	Distinction
B.E (CSE)	2010	Mailam Engineering college, Villupuram.	Anna University	74%	First Class
HSC	2006	Amalorpavam Hr.Sec School, Puducherry.	State Board	71.1%	First Class
SSLC	2004	Fathima Higher Secondary School, Pondicherry.	State Board	69%	First Class

SUBJECTS HANDLED

S.NO	SUBJECT NAME	SEMESTER	DEPARTMENT	MAXIMUM RESULT OBTAINED
1	FCP	I	IT	100%
3	Data Structure	III	CSE	93%
4	Software Engineering	VI	CSE	96%
5	Computer Network System	VII	IT	89%
6	OOPS	III	CSE	91%
7	Cloud Computing	VI	CSE	100%
8	Design Analysis and Algorithm	IV	CSE	97%
9	Introduction to Python Programming	II	CSE	100%
10	Big Data Analytics	VII	CSE	100%

LABORATORY HANDLED

S.NO	SUBJECT NAME	SEMESTER	DEPARTMENT	RESULT OBTAINED
1	FCP	I	IT	100%
2	FCP	I	CSE	100%
3	DS	III	CSE	100%
4	OOPS	III	CSE	100%
5	Python Lab	IV	CSE	100%
6	ADA LAB	IV	CSE	100%

PLACEMENT REPORT

5S.NO	YEAR	PERCENTAGE OF STUDENTS PLACED
1	2013	86%
2	2014	89%
3	2015	83%
4	2016	81%
5	2017	74%
6	2018	86%

ROLES HANDLED

- Placement Officer of Sri Aravindar Engineering College from 2013-2014.
- Acted as Cultural Co-Ordinator for SVCE, Bengaluru from 2024 to till date.
- NSS coordinator of Sri Aravindar Engineering College for the year of 2012-13.
- Cultural coordinator in Hindustan University.
- Assigned as Hostel Incharge for Sri Venkateshwara college of Engineering in the year of 2023.
- Organised various events such as Workshop, FDP in SVCE in the year of 2023.
- Press committee head and Library committee member in Sri Aravindar Engineering College.
- Coordinator for various Conference, Workshop and symposium's held in Sri Aravindar Engineering College.
- Admission committee member of SVCE, Bengaluru.
- Discipline committee member of Sri Aravindar engineering College.

PROJECTS GUIDED

- Computing intensive personal health care information during an M-Healthcare emergency.
- An Efficient classification technique for predicting E-Banking Websites.
- Load-Balanced Clustering Algorithm with Distributed Self-Organization for Wireless Sensor Networks.
- Image Hiding Technique Based On Similarity Measure for Networks with High Security Risk.
- Forest fire detection using AI-based Algorithms.

PUBLISHED PAPERS

- Ramesh, S., et al. "Optimization of energy and security in mobile sensor network using classification based signal processing in a heterogeneous network." *Journal of Signal Processing Systems (2023): 95(2-3), 153-160.*
- Subramaniyan, Murugan, et al. "Deep Learning Approach Using 3D-ImpCNN Classification for Coronavirus Disease." *Artificial Intelligence and Machine Learning for COVID-19. Springer, Cham, (2021). 141-152.*
- Rahim, R., Murugan, S., Manikandan, R., & Kumar, A. (2021). Efficient Contourlet Transformation Technique for Despeckling of Polarimetric Synthetic Aperture Radar Image. *Journal of Computational and Theoretical Nanoscience, (202):18(4), 1312-1320.*
- Murugan, S., Jeyalakshmi, S., Mahalakshmi, B., Suseendran, G., Jabeen, T. N., & Manikandan, R. (2020). Comparison of ACO and PSO algorithm using energy consumption and load balancing in emerging MANET and VANET infrastructure. *Journal of Critical Reviews, 7(9), 2020.*
- Sampathkumar, A., Murugan, S., Rastogi, R., Mishra, M. K., Malathy, S., & Manikandan, R. (2020). Energy-efficient ACPI and JEHO mechanism for IoT device energy management in healthcare. *In the Internet of things in smart technologies for sustainable urban development (pp. 131-140). Springer, Cham.*
- Sampathkumar, A., Murugan, S., Elngar, A. A., Garg, L., Kanmani, R., & Malar, A. (2020). A novel scheme for an IoT-based weather monitoring system using a wireless sensor network. *In Integration*

of WSN and IoT for smart cities (pp. 181-191). Springer, Cham.

- Sampathkumar, A., Murugan, S., Sivaram, M., Sharma, V., Venkatachalam, K., & Kalimuthu, M. (2020). Advanced energy management system for smart city applications using the IoT. *In the Internet of things in smart technologies for sustainable urban development (pp. 185-194). Springer, Cham.*
- Rahim, R., Murugan, S., Mostafa, R. R., Dubey, A. K., Regin, R., Kulkarni, V., & Dhanalakshmi, K. S. (2020). Detecting the Phishing Attack Using Collaborative Approach and Secure Login through Dynamic Virtual Passwords. *Webology, 17(2).*
- Rahim, R., Murugan, S., Priya, S., Magesh, S., & Manikandan, R. (2020). Taylor based grey wolf optimization algorithm (TGWOA) for the energy-aware secure routing protocol. *International Journal of Computer Networks and Applications (IJCNA), 7(4), 93-102.*
- Jayanthiladevi, A., Murugan, S., & Manivel, K. (2018). Text, images, and video analytics for fog computing. *In Handbook of Research on Cloud and Fog Computing Infrastructures for Data Science (pp. 390-410). IGI Global.*
- Rahim, R., Murugan, S., Manikandan, R., & Kumar, A. (2021). Efficient Contourlet Transformation Technique for Despeckling of Polarimetric Synthetic Aperture Radar Image. *Journal of Computational and Theoretical Nanoscience, 18(4), 1312-1320.*
- David, S., Ajay, V. P., Vanathi, P. T., & Murugan, S. (2022). Clustering Based Energy Load Analysis Model (CBELAM) in Wireless Sensor Networks. *In A Fusion of Artificial Intelligence and Internet of Things for Emerging Cyber Systems (pp. 135-149). Springer, Cham.*
- Sampathkumar, A., Maheswar, R., Harshavardhanan, P., Murugan, S., Jayarajan, P., & Sivasankaran, V. (2020, July). Majority voting based hybrid ensemble classification approach for predicting parking availability in smart city based on IoT. *In 2020 11th International Conference on Computing, Communication and Networking Technologies (ICCCNT) (pp. 1-8). IEEE.*
- Published a paper in international conference called “*Validation of Routes using BGP*” in “**International Conference on Recent Advances In Computer Science 2K12**”.
- Published a paper as a co-author in international conference called “*Elimination of Duplication Videos*” in “**International Conference on Computer Science and Information Technology 2k11**”.
- Murugun, S., Sheikh Haniah, Shambhavi M. Koti, Saurav Sahani, and S. N. Shekhar. "A Review on Phishing Threats and Data Security in Online Trading Systems using Artificial Intelligence Techniques." *In 2024 Second International Conference on Advances in Information Technology (ICAIT)*, vol. 1, pp. 1-6. IEEE, 2024.
- Murugan, S., Shravani S. Patil, Rohith K. Reddy, and Shravanth Kumar KN. "A Recent Survey on Bone Cancer Detection Using Deep Learning Techniques." *In 2024 Second International Conference on Advances in Information Technology (ICAIT)*, vol. 1, pp. 1-6. IEEE, 2024.

AREA OF INTEREST

- Cryptography.
- Artificial Intelligence
- Data Structure & Programming.
- Operating System.
- Software Engineering.
- Digital Image Processing.
- Networking.

TECHNICAL PROFILE

- Programming Languages : C, C++, PYTHON, CORE JAVA,
- Web Technologies : HTML, CSS, PHP, Selenium WebDriver.
- Databases : SQL / ORACLE.
- Package : MS-OFFICE.

ADDITIONAL SKILLS

- Report Writing
- Clients & Team Handling
- Social Media Marketing
- Resource Allocations

AFFILIATIONS

- Member of ISTE
- Member of IEEE

DECLARATION

I hereby declare that all the information given above is true to the best of my knowledge.

Place : Pondicherry.

Yours sincerely,

Date : 01-05-2026.

Murugan.S