AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

NAME & INITIALS	Dr. GAYETRI DEVI S.V
DESIGNATION	PROFESSOR OF PRACTICE
EDUCATIONAL QUALIFICATION	B.Tech., M.Tech., Ph.D
EXPERIENCE	18 Years
DATE OF JOINING	20-09-2023
EMAIL ID	drgayetridevi@aalimec.ac.in
AREA OF SPECIALISATION	Enterprise Application Development, Software Technical Documentation

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
Ph.D	CSE	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH, CHENNAI	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH, CHENNAI	2022
M.Tech	CSE	SASTRA DEEMED UNIVERSITY, THANJAVUR	SASTRA DEEMED UNIVERSITY, THANJAVUR	2007
B.Tech	ECE	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE, PONDICHERRY	PONDICHERRY UNIVERSITY	2005

FDP ATTENDED

Six days FDP/Training Program On "**Innovative Teaching and Learning Pedagogy**" jointly organized by World Innovators University, Research Foundation of India & RFI-CARE from 09-14 February 2024

One week National level FDP On "**Impact of Emerging Technologies in AI/ML and Data Science**" organized by Madanapalle Institute of Technology & Science, Madanapalle in association with Computer Society of India from 26 February-02 March 2024

Two days FDP on Hands on Session on **Open Source VLSI Tools** from VIT-AP University, Amaravati on 20th – 21st December 2022

Three days National level FDP on **Research Challenges in Artificial Intelligence and Robotics** at Sri Krishna College of Engineering and Technology, Coimbatore from 27-12-2022 to 29-12-2022

FDP by Oracle Academy on **Artificial Intelligence with Machine Learning in Java** (Virtual) from 15th December 2022 – 16th February 2023

Five day FDP on **Cloud Practitioner (AWS)** at VelTech University, Chennai from 14-November 2022 to 18-November-2022

SEMINARS/WEBINARS ATTENDED

"Exploring Big Data Analytics" on 21st November 2020 at Bharath Institute of Higher Education and Research, Chennai

"Deep Learning Technologies" on 2nd December 2020 at Bharath Institute of Higher Education and Research, Chennai

"IOT based Applications in Chemical & Automotive Industry" on 21st December 2020 at Bharath Institute of Higher Education and Research, Chennai

"Intellectual Property Rights" on 04th March 2021 at Dr.M.G.R. Educational and Research Institute, Chennai

"NAAC Assessment and Accreditation: A step by step process" at Bharath Institute of Higher Education and Research, Chennai on 27th, 28th and 29th May 2021

"The Internet of Things: A Compendium" at Bharath Institute of Higher Education and Research, Chennai on 10-06-2021

"Data Analytics and Visualization" Bharath Institute of Higher Education and Research, Chennai on 09-06-2021

"Introduction and Overview on Networking Technologies, Opportunities and Challenges" at Bharath Institute of Higher Education and Research, Chennai on 21st May, 2021

BOOK PUBLICATION DETAILS

Software Engineer's Primer For Testing And Analysis, by Dr.Gayetri Devi S.V, Mahi Publication, 2021 Edition, ISBN Number: 978-93-91556-09-9

PUBLICATION DETAILS

Devi, S.V.Gayetri & Nalini, T. & Venkatesan, Kgs. (2022). (2022). Graph Learning and Network Science for Natural Language Processing (1st ed.). CRC Press. https://doi.org/10.1201/9781003272649.

Devi, S. V. G., & Nalini, T. (2021). Performance of activation function based clustering of automated software coding contracts. International Journal of Grid and Distributed Computing, 14(1), 757–768.

Devi S. V. G., & Nalini C. (2021). Classifying automated programming contracts using TanH2 decision tree classifier. In J. S. Raj, A. M. Iliyasu, R. Bestak, Z. A. Baig (Eds.), Innovative data communication technologies and application. (Vol. 59). Springer, Singapore. https://doi.org/10.1007/978-981-15-9651-3_60

S.V.Gayetri Devi, C Nalini, (2021). Automated Verification and Validation of IoRT Systems. In Human Communication Technology (eds R. Anandan, G. Suseendran, S. Balamurugan, A. Mishra and D. Balaganesh). https://doi.org/10.1002/9781119752165.ch3

Gayetri, S. V., & Nalini, T. (2021). Optimizing automated programming contracts with modified ant colony optimization. Indian Journal of Computer Science and Engineering, 12, 226–238. https://doi.org/10.21817/indjcse/2021/v12i1/211201252

Devi, S. V. G., & Nalini, C. (2020). Prioritized automated generation of contracts with modified swarm optimization. International Journal of Advanced Science and Technology, 29(8s), 2432–2439.

S.V.Gayetri Devi &, C.Nalini. -2020, -"Optimization of Automated Software Contracts Generation by Modified Particle Swarm Optimization", - International Journal of Future Generation Communication and NetworkingVol. 13, No. 1, (2020), pp.629-637.

S. V. G. Devi and C. Nalini, "Performance Analysis of K-means clustering based Hyperbolic Tangent Instituted Classification of Automated Coding Contracts," 2020 3rd International Conference on Intelligent Sustainable Systems (ICISS), pp. 489-497

S. V. G. Devi and C. Nalini, "Enhanced K-Means Clustering Algorithm for Feasibility Assessment of ACC," 2020 Second International Conference on Inventive Research in Computing Applications (ICIRCA), pp. 340-345, doi: 10.1109/ICIRCA48905.2020.9182934.

S.V.Gayetri Devi, C Nalini, " A systematic judgement to automated programming contracts generation", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-2, July 2019

V. Gayetri Devi, S., Nalini, C., & Kumar, N. (2018), "An efficient software verification using multi-layered software verification tool", International Journal of Engineering & Technology, 7(2.21), 454. doi:10.14419/ijet.v7i2.21.12465

CONFERENCE DETAILS
Performance analysis of k-means clustering based hyperbolic tangent instituted classification of automated coding contracts in Proceedings of the 3rd International Conference on Intelligent Sustainable Systems, ICISS 2020, 2020, pp. 489–497, 9315994 at SCAD Institute of Technology at Palladam, India on 3-5 December 2020
Enhanced K-Means Clustering Algorithm for Feasibility Assessment of ACC in Proceedings of the 2nd International Conference on Inventive Research in Computing Applications, ICIRCA 2020, 2020, pp. 340–345, 9182934 at RVS College of Engineering and Technology, Coimbatore on 21-23 August 2021