



Name: Dr. SHRIDHAR ALLAGI

Associate Professor

Department of Computer Science and Engineering

KLE Institute of Technology, Hubballi

1.	Educational, professional qualifications, and trainings				
1.1.	Educational Qualification				
S.N.	Degree	University / College	Discipline	Year of Passing	Class obtained
a)	PhD	Visvesvaraya Technological University, Belagavi	Big Data and Cloud Security	2021	
b)	M.Tech	SDM College of Engineering, Dharwad	Computer Science and Engineering	2014	First Class with Distinction
c)	B.E	B.L.D.E.A's V.P. Dr. P.G. Halakatti College of Engineering and Technology, Vijayapur	Computer Science and Engineering	2012	First Class
1.2.	Training programmes attended (Listed a few)				
S.N.	Subject Area of Training	Organization	Place	Period/ Duration	
a)	Two days ISRO Sponsored National Level Workshop on “Advances in Wireless Nano Sensor Networks and Communications”	Jain College of Engineering	Belagavi	03 Days	
b)	VTU-VGST Sponsored FDP on “Big Data Analytics”	KSSEM Engineering College	Bangalore	05 Days	
c)	Vtu- Vgst Sponsored Faculty Development Program On "Cognition And Big Data Analytics"	Visvesvaraya Technological University, Belagavi	Belagavi	05 Days	
d)	Five Days FDP on Amazon Web Services	Brainvision	Online	05 Days	
e)	AWS Educator	AWS			12 th April 2023

1.3. Membership of National and International Professional Bodies/Organisations			
S.N.	Name of Professional Body/Organization	Place	Membership Number
a)	Computer Society of India	Bangalore	F8001226
b)	IEEE (Senior Member)	Bangalore	93620407
c)	CHAIR-2024, IEEE ITS Bangalore Chapter	Bangalore	93620407
d)	Institute of Engineers	Kolkata	M-1801338

<p>1. 4.</p>	<p>Technical Papers/Books Published in National / International Events / Journals (Only Scopus)</p>
	<ol style="list-style-type: none"> 1. Sharada, H.N., Anami, B. & Shridhar Allagi. An optimized deep network-based intermediate code generation for the mathematical expression. Multimedia Tools Applications, Springer (2024). https://doi.org/10.1007/s11042-024-19730-7 (Scopus Q1) 2. Shridhar Allagi, Pawan Toralkar, and Kavita M “Leveraging AI and ML for Predictive Analysis and Feature Attribution in Abnormal Network Behaviour Detection” Accepted in IEEE 2nd 2024 World conference on communication and computing (WCONF), Raipur, India (Scopus Indexed) 3. Balachandra Chikoopa, Hanumantappa J, Liset Rodriguez, Shridhar Allagi “A comparative study of malware detection in enterprise networks” Accepted in IEEE 2nd 2024 World conference on communication and computing (WCONF), Raipur, India (Scopus Indexed) 4. Sanjana K, Rashmi Rachh and Shridhar Allagi “Domain Specific Embeddings in RNN Frameworks for Hate Span Detection and Classification” Accepted in 2024 4th IEEE International Conference for Intelligent Technologies (CONIT), Hubballi (Scopus Indexed) 5. H N, S., Anami, B. & Allagi, S. An optimized neural Network-based character recognition and relation finding for mathematical expression images. Multimedia Tools Appl (2023), Springer. https://doi.org/10.1007/s11042-023-17725-4. (Scopus Q1) 6. S. S. V, D. L and S. Allagi, "Development of a Mathematical Model to Predict the Specific Growth Rate of Cancerous Tumour for Mammogram," 2023 International Conference on Network, Multimedia, and Information Technology (NMITCON), Bengaluru, India, 2023, pp. 1-5, doi: 10.1109/NMITCON58196.2023.10276381. (Scopus Indexed Conference) 7. Shwetha S V, Dr. Dharmanna L, Dr. Shridhar Allagi, “Automatic Localization of Breast Tumor in Mammogram”, Research and Reviews: Advancement in Robotics, 2023 8. Joshi, N. S. ., K. P. . Sambrekar, A. J. . Patankar, S. . Allagi, and U. . Patil. “A Hybrid Approach for Improving Data Security in Cloud Computing Using Greedy DFS Ranked Searching”. International Journal of Intelligent Systems and Applications in Engineering, vol. 11, no. 9s, July 2023, pp. 708-17, https://ijisae.org/index.php/IJISAE/article/view/3219. (Scopus Q3) 9. Rodriguez-Baca, L. S., Allagi, S., Larrea-Serquen, R. ., Cruzado, C. F. ., Diaz, M. A. ., Garcia-Hernández, S. & Monteiro, J. D. (2023). Experimental Study based on the Implementation of a Regulatory Framework for the Improvement of Cyber Resilience in SMEs. International Journal on Recent and Innovation Trends in Computing and Communication, 11(3), 199–205. https://doi.org/10.17762/ijritcc.v11i3.6337. (Scopus Q3) 10. BC Vijeeta Patil, Sujatha C, Shridhar Allagi “A Deep Learning Framework for Real-Time Sign Language Recognition Based on Transfer

- Learning”, International Journal of Engineering Trends and Technology (IJETT) 70 (6), 32-41. **(Scopus Q3)**
11. RRR Madhura S. Mulimani, **Shridhar Allagi** “Early Diagnosis and Remote Monitoring using Cloud- based IoMT for COVID-19”, Book Chapter Smart Health Technologies for the COVID-19 Pandemic: Internet of medical things perspectives,pp 115-139, 2022. **(Scopus Q4)**
 12. P Chitti, K Prabhushetty, **S Allagi** “A Deep Learning and Machine Learning Approach for Image Classification of Tempered Images in Digital Forensic Analysis”, International Journal of Advanced Computer Science and Applications Volume 13, Issue 10,2022. **(Scopus Q3)**
 13. **Shridhar Allagi** , Madhura S. Mulimani, Rashmi R. Rachh “A Hybrid Machine Learning-Based Approach for Dynamic Identification of Network Attacks in Cloud Environment”, International Journal of Engineering Trends and Technology (IJETT) 70 (3), 37-47, 2022. **(Scopus Q3)**
 14. Shravan K ,**Shridhar Allagi**, Rashmi Rachh “An Approach For Securing Big Data Environment Using Machine Learning For Dynamic Processing Of Portable Executable In Network”, International Journal of Advanced Research in Engineering and Technology ,Vol 12, Issue 01, pp 274-281, 2021
 15. Rashmi Rachh, **Shridhar Allagi**, Shravan K (2020) “Machine Learning Algorithms for prediction of Heart disease” in Demystifying Big Data, Machine Learning and Deep Learning for Healthcare Analytics, Elsevier Publication. **(Scopus Q2)**
 16. **Shridhar Allagi**, Shravan Koti and Rashmi Rachh, “An Approach for Securing Big Data Environment Using Machine Learning for Dynamic Processing of Portable Executable in Network “International Journal of Advanced Research in Engineering and Technology, Vol 12, Issue 1, pp 274-281. DOI: 10.34218/IJARET.12.1.2021.023
 17. **Shridhar Allagi**, Rashmi Rachh and Basavaraj S. Anami. “A Robust Support Vector Machine Based Auto-Encoder for DoS Attacks Identification in Computer Networks”. IEEE 2021 International Conference on Intelligent Technologies (CONIT). **(Scopus Indexed Conference)**
 18. Rashmi Rachh, Basavaraj. S. Anami , **Shridhar Allagi** (2020) “A Hybrid Model for Data Security and Preserving Anonymity using Machine Learning” in International Journal of Information Technology, Springer. **(Scopus Q1)**
 19. **Shridhar Allagi**, Pradeep Surasura (2020) “Predicting Reliability of Web Services using Hidden Markov Model” in 8th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2020). **(Scopus)**
 20. **Shridhar. Allagi** and Rashmi. Rachh (2019) "Analysis of Network log data using Machine Learning," IEEE 5th International Conference for Convergence in Technology (I2CT), Bombay, India, pp. 1-3, doi:10.1109/I2CT45611.2019.9033737. **(Scopus Indexed Conference)**
 21. **Shridhar Allagi**, Rashmi Rachh (2019) “Framework for Providing Security in Private Cloud using Machine Learning Techniques”. International Journal of

	<p>Engineering and Advanced Technology”. Vol-9, Issue-1, pp. 7641-7645. Doi: 10.35940/ijeat.f9121.109119 (Scopus Q4)</p> <p>22. Madhura. Mulimani, Shridhar. Allagi and Rashmi. Rachh (2018). "Preserving Anonymity in Cloud Environment". International Conference on Computational Techniques, Electronics and Mechanical Systems (CTEMS), Belgaum, India, pp. 371 375, doi: 10.1109/CTEMS.2018.8769219. (Scopus Indexed Conference)</p> <p>23. Shridhar Allagi and Anup Kalyanshetti (2016) “Emerging Trends and its predication across Social Networking Platform” in International Conference on Advanced Technologies for Societal Applications.</p> <p>24. Shridhar Allagi and Shardha H. N (2014) “Automatic License Plate Detection for automatic toll collection” in International Conference on Advanced Computer Science and Information Technology held at Bangalore.</p> <p>Articles Under Review:</p> <p>25. Shridhar Allagi, Kavita M and Vijeeta Patil “A Machine Learning Based Approach for Detection of Fake News in Real Time Scenario”, SN Computer Science, Springer (Under Review) Scopus Q1</p> <p>26. Shridhar Allagi, Basavaraj Anami, Rashmi Rachh and Nagraj Dharwadkar “A Hybrid Machine Learning Model for Multi-Level Malware Classification in Virtualized Computing Environment”, Journal of Experimental & Theoretical Artificial Intelligence, Taylor and Fransis (Under Review) Scopus Q1</p> <p>Google Scholar: H index : 03 https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=jlrWMZ8AAAAJ&sortby=pubdate</p> <p>Scopus: https://www.scopus.com/authid/detail.uri?authorId=57210339579</p>
<p>1.5</p>	<p>Research Supervisor at Visvesvaraya Technological University Belagavi</p>
	<p>PhD Guided : 01</p> <ul style="list-style-type: none"> ➤ Mrs Shwetha S V <p>PhD Guiding : 05</p> <ul style="list-style-type: none"> ➤ Mrs. Kangana W M (Coursework Completed) ➤ Mr. Mahantesh Laddi (Open Seminar I Completed) ➤ Mr. Shrikant Athanikar (Appearing Coursework) ➤ Mr. Kavita M (Appearing Coursework) ➤ Mr. Pawan Toralkar (Appearing Coursework)

1.6 Language Skills (ability to)	Speak:	Read / Write
	English	English
	Kannada	Kannada
	Hindi	Hindi

1. 7 Grants Received
1. AICTE Grant For Conference 4 Lakhs (2022)
2. VTU Foss Grant for Conducting Machine Learning Workshop, 50000, (2019)
3. Business Incubator for MSME Host Institute (2023-2024)
➤ MSME Grant Received of total 45 Lakhs for three ideas.
➤ Eligible for One Crore Funding for Establishing MSME Incubation Facility
4. NIT Warangal EICT Funding of Rs 1,10,000/- for “Advanced AI and ML Techniques for Cyber Security and Digital Forensics FDP” (2024)
5. Organized IEEE Technically Co-Sponsored International Conference on Intelligent Technologies (CONIT) 2021, 2022, 2023 and 2024 (Scopus Indexed Conference)
6. ATAL Grant of Rs 1,00,000/- for 6-Days Online Faculty Development Program on “Recent Trends and Innovation in HPC for Industry and Academic Research” to be conducted in JAN 2025

1. 7. Patents / Copyrights
1. Australian Patent Grant (2021107489) A Real Time Automated Multi-level Malware Classification and Detection Module in Networks
2. Indian Patent Published (202021049597) A Hybrid Machine Learning Model For Multi-Level Malware Classification In Virtualized Computing Environment
3. Indian Copyright Grant (10531/2020-CO/L)” VTU BIG DATA LAB”

2. Employment Information and Professional Experience till date		
2.1.	Employment Information	
(a)	Job title	Associate Professor
	Employer	KLE INSTITUTE OF TECHNOLOGY, Hubballi
	Dates (from – to)	01-10-2021 - Present
	Responsibilities	Responsibilities Department Placement Coordinator, Handling Subjects Computer Networks, Python Programming, MSME Incubation Coordinator
(b)	Job title	Assistant Professor
	Employer	KLE INSTITUTE OF TECHNOLOGY, Hubballi
	Dates (from – to)	15-07-2019 - 31-09-2021
	Responsibilities	Department Placement Coordinator, Handling Subjects Computer Networks, Python Programming
(c)	Job title	Assistant Professor
	Employer	Jain College of Engineering, Belagavi
	Dates (from – to)	24-04-2014 - 14-07-2019
	Responsibilities	Teaching, Department Placement Coordinator, IIT Bombay Remote Centre Coordinator

2.2.	Public Service & Volunteer Work
a)	Developed various Free Software and Web Applications for MSMEs and NGOs.
2.3.	Other professional achievements such as any awards, special skills, etc.
a)	Delivered One Day practical sessions on “Amazon Web Services” in international conference on February 9 th 2016 held at Rasoni College of Engineering Pune.
b)	Delivered one Day hands on Session on “Big Data Hadoop” in All India seminar on Big data on March 17 th and 18 th held at Bldea Engg. College Bijapur.
c)	Delivered One Day Hands on Session On “Amazon Web Services” in Kle Mca College Belagavi.
d)	Delivered a session on “Python Programming” in JCE.
e)	Delivered a one day session on “Amazon Web Services” in KLEIT Hubli for Final Year Students on May 23 rd 2017.
f)	Delivered a Three day session on “Cloud Computing with Amazon Web Services” in Jain Polytechnic College Belagavi on 23 rd Jan 2017 to 25 th Jan 2017.
g)	Delivered a Two day session on “Python Programming Foundations” in 6 Days National Workhop organized in KCT Engineering College Gulbarga.
h)	Delivered a two day session on Python Web Application development in 5 Days Faculty development program conducted at BLDEAS Engg. College from 27/04/18 to 2/05/2018.
i)	Delivered a Session on Python Applications in Data Science in Three Days Faculty Development Programme in SDMCET Dharwad on 05 th August 2020.
j)	Delivered Address on “BIG DATA INFRASTRUCTURE DEVELOPMENT AND MANAGEMENT” in FOSSCON 2019 held at Gogte Institute of Technology, Belagavi on 30 th August 2019.
k)	Organized an International conference ICETES-16 on April 27 th 2015 in Jain College of engineering Belagavi.
l)	Coordinated two days hands on workshop on “Cloud Computing, Big Data Career Path” in JCE on October 3 rd and Oct. 4 th 2016 in Jain College of Engineering Belagavi.
m)	Chaired a session on “Cloud Computing in “2nd International Conference on Sustainable Computing Techniques in Engineering, Science and Management” on Jan 27 th 2017.
n)	Organized five days cloud computing hands on workshop in collaboration with “Cloud Enabled “in Jain College of engineering Belagavi.
o)	Delivered a Session on “Cloud Computing an Industrial Approach” in KLS VDRIT Engineering College Haliyal on 30 th May 2021.
p)	Served as Resource Person for One Week AICTE Sponsored STTP program at MIT Academy of Engineering, Alandi(D.),Pune on “ Deep Learning Applications in Cyber Security for Engineering and Science” on 15 Jun 2021 and 17 Jun 2021.
q)	Delivered a Session on “Cloud Computing with Amazon Web Services” in association with CADDMAX Solutions Bangalore on 05 th Jun 2021.
r)	Delivered a Session on “Cloud Computing with AWS an Industrial Approach” in BLDEA Engineering College Vijayapura on July 6 th 2021.

s)	Organized and coordinated Two days VTU Sponsored Faculty development program on “Python Application Development” on Nov 26 th and 27 th 2017 at Jain College of Engineering Belagavi on 31/01/2020.	
t)	Chaired and Part of Technical Committees of Various Reputed IEEE Conferences such as I2CT, INCET, INCOFT, INOCON, SMARTGEN and GCAT.	
u)	Selected for 4th Edition of the IEEE Region 10 Section Chapter Symposium and Conference Leadership Program in Singapore Dec 2024. (50 Participants will be selected across globe by IEEE Global Council).	
3.	Any other information	
3.1.	Strengths	Ability to work well in both a team environment and individual environment. Good work ethics with excellent communication and interpersonal skills
4.	General information	
4.1.	Name	SHRIDHAR ALLAGI
4.2.	Gender	MALE
4.3.	Nationality	INDIAN
4.4.	Date of birth	31-12-1990
4.5.	Contact address	Plot No 128, D.N. Koppa, Dharwad
4.6.	Phone / mobile number	8951824964
4.7.	Email	shridharallagi@kleit.ac.in

Place: Hubballi

Date: 04-12-2024

Dr. Shridhar Allagi