


FACULTY PROFILE

Name	:	Vasudha V. Ayyannavar	
Designation	:	Associate Professor	
Department	:	Computer Science and Engineering	
Employee ID	:	TCS009	
E mail ID	:	Vavasudha.11@gmail.com	
Contact details	:	9480492211	
Orcid ID	:	0000-0002-5202-0877	
Scopus ID	:	-	
Vidwan Id	:	125069	
Researcher ID(Web of Science)	:	-	
Google Scholar ID	:	-	
Qualification	:	M.Tech, Ph.D	
Professional Experience Teaching experience	:	19	
Administrative Responsibilities	:	Nil	
No. of Projects Guided			
UG	:	20	
PG	:	10	
Research Interest Area	:	Networking	
No. of Research Scholars			
Pursuing	:	Nil	
Completed	:	Nil	
Research Grants		Nil	
Publications Books/Chapters	:		
Journals (with citations)	:	03	
		1. Lokesh B. Bhajantri, Vasudha V. Ayyannavar, "Cognitive Agent Based Data	

		<p>Synchronization in Ubiquitous Networks: A Survey”, International Journal of Advanced pervasive and Ubiquitous Computing, Vol. 10, No. 2, pp. 1-17, 2018, IGI Global.</p> <p>2. Lokesh B. Bhajantri, Vasudha V. Ayyannavar, “Cognitive Agent based Fault Tolerance in Ubiquitous Networks: A Machine Learning Approach”, International Journal of Information Technology, Springer, Vol. 16, pp. 1-15, March 2024.</p> <p>3. Lokesh B. Bhajantri, Vasudha V. Ayyannavar, “Context Aware Data Synchronization in Ubiquitous Networks: Cognitive Agent Approach”, Proceedings of the International Journal on Innovative Data Communication Technology and Application (ICIDC), Elsevier, 2022.</p>
Conferences	:	03
Invited Talks	:	Nil
Events Organized	:	Nil
Conferences/ Symposiums/ Workshops/ Training Programs Attended	:	<ol style="list-style-type: none"> 1. International Conference on Smart Trends in Computing and Communications(SmartCom2025), Context Aware Data Synchronization in Ubiquitous Networks. 2. International Conference on Electronics and Renewable Systems(ICEARS 2022), Fault Analysis and Identification in Ubiquitous Networks using Cognitive Agents Approach. 3. Context Aware Data Synchronization in Ubiquitous Networks: Cognitive Agent Approach”, 4th International Conference on Innovative Data Communication Technologies and Application(ICIDCA 2022). 4. Distributed and Cloud Computing National level workshop/BEC Bagalkot, 15th April to 17th April 2013. 5. Research Issues in Distributed Sensor Networks Faculty enablement programme/BEC Bagalkot, 22nd August to 24th August 2013. 6. Cloud Computing and Big Data VTU-VGST Faculty Development Program/East Point College of Engineering and Technology, Bangalore, 15th July to 18th July 2013. 7. Soft and Evolutionary Computing techniques and its Applications, Faculty Development Programme/BEC, Bagalkot, 30th May to 1st June 2013. 8. Technical Documentation Using Latex, National Level Workshop/BEC, Bagalkot, 27th May to 29th May 2013. 9. Embedded Systems, Faculty enablement programme/BEC Bagalkot, 05th February to 10th February 2007. 10. Real Time Operating Systems, Faculty enablement programme/BEC Bagalkot, 26th March to 31st March 2007. 11. Real Time Operating System-Vxworks, Workshop/BEC Bagalkot, 28th March to 30th March 2007.

		<ol style="list-style-type: none"> 12. Building Enterprise Applications, Faculty Enablement Program/ Infosys Ltd Bangalore, 30th July to 3rd August 2012. 13. Capacity Building Towards Quality Teaching and Learning, Intensive Continuing Education Training Programme/ IISC Bangalore, 25th November 2013 to 6th December 2013 and 8th to 10th January 2014. 14. Sensor Networks Workshop/ BEC, Bagalkot 8 th to 9th January 2018. 15. Advanced Communication and Networking Technologies, IIIT Dharwad, 8th to 12th July2019. 16. Cloud Computing, NPTEL, 8 weeks. 17. AICTE- Examination Reform Policy, BEC Bagalkote, 14th to 15th February 2020. 18. Digital Transformation in Teaching Learning Process, IIT Bombay, 6th to 22nd April 2020. 19. Software Testing, NPTEL, 4 Weeks, April 2023 20. Outcome based Education, workshop, BEC Bagalkote, 30th September to 1st October 2023. 21. Emerging Trends in Smart Systems, National Symosium, BEC Bagalkote, 08th to 09th September 2023. 22. Distributed Systems, NPTEL, 8 Weeks, October 2023, 23. Empowering the Future of AI with Quantum Computing: Insights and Applications, VNR Vignana Jyothi Institute of Engineering and Technology. 23rd to 28th December 2024.
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