


## Profile

1	<b>Name of the Faculty</b>	Dr. Sridevi M Hosmani			
2	<b>Date of joining</b>	01/02/2013			
3	<b>Email id</b>	Sridevi.gecw@gmail.com			
4	<b>Designation</b>	Associate Professor			
5	<b>Department</b>	Artificial Intelligence & Machine Learning			
6	<b>Education Qualifications</b>	<b>B.E(Electronics &amp; Communication Engineering)</b> <b>M.Tech(Computer Science &amp; Engineering),</b> <b>Ph.D(Computer Science &amp; Engineering)</b>			
7	<b>Work Experience</b>	<b>Teaching</b>	<b>Research</b>	<b>Industry</b>	<b>Others</b>
		10.7	1.5	0	0
8	<b>Area of Specialization</b>	Wireless Networks, VANETs			
9	<b>Courses taught at Diploma/ PostDiploma/ Under Graduate/ PostGraduate/PostGraduate Diploma Level</b>	Under Graduate -Electronic Circuits & Logic Design, Microprocessor & Microcontroller, Computer Networks, Automata Theory and Computability, Cryptography, Ad Hoc Networks, AWS Cloud.			
		Post Graduate-Wireless Networks & Mobile Computing, ANN & Deep Learning.			
		Ph.D- Wireless Mobile Network.			
10	<b>No.of papers published in National/International Journals/Conferences</b>				
	<b>Journals</b>	<b>National</b>	<b>International</b>		
		0	16		
	<b>Conferences</b>	<b>National</b>	<b>International</b>		
		0	3		
	<b>Research Guidance</b>				
<b>Master Degree</b>	<b>Completed</b>	<b>Ongoing</b>			
	08	01			

	<b>Ph.D.</b>	<b>Nil</b>	<b>02</b>
<b>11</b>	<b>Projects Carried out</b>	<b>16</b>	<b>02</b>
<b>12</b>	<b>Patents</b>	<b>02</b>	<b>01</b>
<b>13</b>	<b>Technology Transfer</b>	<b>Nil</b>	
<b>Publications in International/ National Journals</b>			
<ol style="list-style-type: none"> <li>1. Sridevi, Shruti, "Secure and Distributed Data Query In Intermittently Connected Passive Ad-Hoc Networks", International Journal of Advanced Research in Computer Engineering &amp; Technology , Volume 4, Issue 5, May 2015.</li> <li>2. Sridevi, Savita M K, "Enhancement of QoS performance in Mobile Ad-Hoc Networks", International Journal of Advanced Research in Computer Engineering &amp; Technology , Volume 4, Issue 5, May 2015.</li> <li>3. Sridevi H, Humera Sadiya " A Novel Verification with Restrictive Security Protection and non Renouncement for Vanets", International Journal for Innovative Research in Science and Technology, Vol 3 Issue 3, August 2016</li> <li>4. Sridevi H, Adiba Tahniat, " Reliable and Dynamic Routing Approach for Airborne Mesh Networks", International Journal for Scientific Research and development, Vol 5, Issue 6, August 2017</li> <li>5. Sridevi H, Sumayya Afreen " Data Security in Wireless Sensor Networks using Hash Functions", International Journal for Scientific Research and development, Vol 5, Issue 6, August 2017</li> <li>6. Sridevi Hosmani, Basavaraj Mathapati," A Life Time Based Cluster Head Selection In Vanets Using Cbltr Protocol", Journal of Emerging Technologies and Innovative Research, September 2018, Volume 5, Issue 9.</li> <li>7. Sridevi Hosmani, Basavaraj Mathapati," QOS Aware Routing Protocol for VANETS", Journal of Advanced Research in Dynamical &amp; Control Systems, vol. 11,06- special issue, 2019 ISSN 1943-023X.</li> <li>8. Sridevi, Basavaraj Mathapati, "Survey On Cluster Based Data Aggregation For Vanets", Journal of Emerging Technologies and Innovative Research, June 2019, Volume 6, Issue 6.</li> <li>9. Sridevi H, Basavaraj Mathapati, "Weighted Clustering with Robust Data Aggregation for Vehicular Ad Hoc Networks", International Journal of Advanced Science and Technology, January 2020.</li> <li>10. Sridevi Hosmani, Basavaraj Mathapati, "Efficient Vehicular Ad-Hoc Network Routing Protocol using Weighted Clustering Technique." International Journal of Information &amp; Technology, 14 october 2020</li> <li>11. "Implementation of Machine Learning Techniques applied to the network Intrusion Detection System", Journal of Information and Computational Science, Volume 10, Issue 9, September 2020.</li> <li>12. Sridevi Hosmani, Basavaraj Mathapati, "Robust and Reliable Secure Clustering 7 Data Transmission in Vehicular Ad-Hoc Network using Weight Evaluation", Journal of ambient Intelligence and Humanized Computing.5 August 2021.</li> <li>13. Sridevi Hosmani et al "Competitive Analysis for the Auditing Cloud Consistency", International Journal of Scientific Research in Science and Technology, 06 June 2022.</li> <li>14. Sridevi Hosmani, Vidyashree "FORTIFIED CHAIN: A Blockchain Based Framework for</li> </ol>			

**Security & privacy-Assured Internet of Medical Things with Effective Access Control ”, International Journal of creative Research Thoughts, Vol 10, issue 8 august 2022.**

**15. Sridevi Hosmani, Vidyashree “Sentiment analysis of Covid-19 twitter Dataset using ML ”, International Journal of creative Research Thoughts, Vol 10, issue 8 august 2022.**

**16. Sridevi Hosmani, “Driver Behaviour Recognizer Based on Light Weight Convolution Neural Network Architecture & Attention Mechanism”, Journal of emerging Technologies & Innovative Research, Volume 10, Issue 6,pp- h533-h39.**

**International Conference**

**1. Sridevi, Basavaraj Mathapati,” Survey on cluster based routing protocols in VANETs”, 2017 second International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICECCOT), 978-1-5386-2361-9/17/\$31.00 ©2017 IEEE.**

**2. Sridevi, Basavaraj Mathapati,” Efficient Vehicular Ad Hoc Routing protocol using Weighted Clustering Technique”, 2018 Third International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICECCOT), 978-1-5386-5130-8/18/\$31.00 ©2018 IEEE.**

**3. Sridevi Hosmani ,Rashmi Patil, Jyoti Marnur, Shweta Madiwal,“Combined Deep Learning and Machine Learning Models for the Prediction of Stages of Melanoma”, International Conference on Intelligent Systems and Computation(ICISC 2022)**

**Patent:**

**1. A System for Secure Clustering and Data Transmission in Vehicular Ad Hoc Network using Weight Evaluation, Application No. 202241020085 A, Published 15/04/2022.**

**2. A System provided for Attack Resilient Position Based Vanet Protocol using Ant Colony Optimization. Application No. 202341015718 A, Published 09/03/2023.**

