


## Name of the Department: CSE (Artificial Intelligence and Machine Learning)

Name of the Faculty		Mrs.D.SARANYA		
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Qualification		UG	B.Tech	Information Technology
		PG	M.E	Computer Science and Engineering
Specialization/ Major areas of Research		Machine Learning		
Experience		Teaching: 7 Years 11 months		Research: -
Professional Memberships		-		
Papers Published in Journals		International : 7		National : -
Papers Presented in Conferences		International : 13		National : 0
Awards / Achievements / Funded Projects / Consultancy				
<ul style="list-style-type: none"> <li>Published a book Artificial Intelligence in the Magnus Publications, ISBN:13:978-81- 948630-8-3.</li> <li>Published a book Artificial Intelligence and Machine Learning in the Sruthi Publication, ISBN: 978-81-960116-9-7.</li> <li>The patent titled "Machine Learning Based Debit Card and Credit Card Fraud Detection Technique" was published on 21.10.2022, Journal Number 42/2022, Patent Application Number 202241058168 A.</li> <li>The patent titled "IOT based smart ventilator system" was published on 25.02.2022, Journal Number 08/2022, Patent Application Number 202241008066 A.</li> <li>The patent titled "Detection of Leaf Diseases using Machine Learning and Fuzzy Logic" was published on 30.10.2020, Journal Number 44/2020, Patent Application Number 202041045035 A.</li> <li>Attended Workshops, Seminars and Faculty Development Programs.</li> </ul>				