



<u>Department of Computer Science and Engineering</u>			
<b>NAME</b>	E.SURYA		
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<b>DESIGNATION</b>	Assistant Professor		
<b>QUALIFICATION</b>	B.E.,M.E.,		
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<b>EXPERIENCE</b>	INDUSTRY	TEACHING	TOTAL
	-	7 years 6 Months	7 years 6 Months
<b>DATE OF JOINING THE INSTITUTION</b>	25.11.2022		
<b>RESEARCH FOCUS</b>	<b>Machine learning, IOT, Data Science</b>		
<b>SUBJECT COMPETENCY</b>	PYTHON PROGRAMMING, DATA SCIENCE, IOT, DESIGN AND ANALYSIS OF ALGORITHM, GRAPH THEORY, DIGITAL ELECTRONICS, THEORY OF COMPUTATION, OPERATING SYSTEM, C PROGRAMMING, OBJECT PROGRAMMING WITH C++ AND JAVA, DATA STRUCTURE AND ALGORITHM USING C		
<b>NO OF JOURNAL PUBLICATION (INTERNATIONAL/NATIONAL)</b>	9		
<b>NO OF CONFERENCE ATTENDED (INTERNATIONAL/NATIONAL)</b>	5		
<b>NO OF BOOKS PUBLISHED</b>	NIL		



### ***Academic Credentials***

Level	Degree	Specialization	University	Year of Completion
UG	B.E	Computer Science and Engineering	Anna University, Chennai.	2009
PG	M.E	Pervasive Computing Technology	Anna University, Trichy	2011
Ph.D			-	

### **Details of Journal Publication:**

- ❖ Published a book chapter in Scopus indexed **"AUGMENTED REALITY COMBINED WITH MACHINE LEARNING FOR HEALTHCARE MONITORING: CHALLENGES AND OPPORTUNITIES"**
- ❖ Published a book chapter in **"REVOLUTIONIZING HEALTHCARE THROUGH ROBOTICS AND AI INTEGRATION: A COMPREHENSIVE APPROACH"** IGI Global Scientific Publishing.
- ❖ Published a paper, **"CONTEXT AWARE AND ADAPTIVE REAL TIME VIDEO STREAMING WITH QUALITY ASSURANCE IN MOBILE LEARNING ENVIRONMENT"** | International Journal of Pure and Applied Mathematics Volume 118 No. 18 2018, 2467-2480 ISSN: 1311-8080 ISSN: 1314-3395 (on-line version) url: <http://www.ijpam.eu> Special Issue(**Scopus Indexed Journal**).
- ❖ Published a paper, **"AUTOMATED PRESCRIPTION OF ALCOHOLIC CONTENT TO DIPSOMANIAC"**, International Journal of Engineering & Technology, 7 (3.34) (2018) 175-180. (**Scopus Indexed Journal**)
- ❖ Published a paper, **"INTEGRATION OF MULTI USER IN SINGLE CARD USING HMM AND FORMULA AUTHENTICATION "**, IJCRT International Journal of Creative Research Thoughts | Volume 5, Issue 4 December 2017 | ISSN: 2320-2882.
- ❖ Published a paper, **"DYNAMIC TRAFFIC CONTROL SYSTEM USING EDGE DETECTION ALGORITHM © 2017"**, IJCRT International Journal of Creative Research Thoughts | Volume 5, Issue 4 December 2017 | ISSN: 2320-2882.
- ❖ Published a paper, **"MONITORING UNUSUAL/ABNORMAL BEHAVIOR OF SOCIAL MEDIA USERS"** International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 5 Issue XII December 2017- Available at [www.ijraset.com](http://www.ijraset.com).
- ❖ Published a paper, **"STEMMING IN TAMIL FOR AFFIX STRIPPING"**, International Journal Computer Technology & Applications, Vol 7(3), 453-457 ISSN: 2229-6093.
- ❖ Published a paper, **"EMOTION AND GENDER RECOGNITION USING FUZZY SUPPORT VECTOR MACHINE THROUGH SPEECH SIGNALS "**, International journal of engineering research & technology (IJERT).

**Details of Conference attended:**

- ❖ Presented a paper in conference “**AN ADAPTIVE MOBILE VIDEO E-LEARNING SYSTEM**”, at Kamban Engineering College Tiruvanamalai.
- ❖ Presented a paper in National conference “**GUARDIAN RING: SMART ALARM FOR ACCIDENT ZONES**” at Sethu Institute of Technology, kariappati, Virudhunagar.
- ❖ Presented a Paper Titled “**A Monitoring System for Detection and Prevention of Animals using IOT**” in AAA college of Engineering and Technology, (11<sup>th</sup> & 12<sup>th</sup> Jan 2024), Virudhunagar.
- ❖ Presented a paper in conference “**Enhanced Bat with Firefly optimization for Feature Selection in Hepatitis Clinical Data**” at JD College of Engineering and Management Nagpur (10<sup>th</sup> & 11<sup>th</sup> JAN 2025).
- ❖ Presented a paper, “**CONTEXT AWARE AND ADAPTIVE VIDEO STREAMING IN MOBILE LEARNING ENVIRONMENT**” at EGS Pillay Engineering College, Nagapattinam.

