VAIGAI
COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
Vinayagapuram, Therkutheru, Madurai - 625122
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Name   : Dr.S.Ariffa Begum

Designation   : Associate Professor

Department   : CSE

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Google Scholar link:

1. Educational Qualification:

Degree	Branch/Specialization	Institute/University	Year of passing
Ph.D.,	Computer Science and Engineering	Anna University, Chennai	April 2021
M.E	Computer Science and Engineering	Anna University, Chennai	2005 (Full-Time)
M.C.A	Computer Application	Madurai Kamaraj University, Madurai	1998 (Full-Time)
B.Sc	Mathematics	Madurai Kamaraj University, Madurai	1995 (Full-Time)

2. Professional/ Industry Experience: (in chronological order)

Sl. No.	Designation	Institute/Organization	Period From	Period To
1.	Lecturer	Sethu Institute of Technology, Pulloor, Kariapatti, Virudhunagar District, Tamilnadu, India	Sep,15, 2000	Jun,30, 2005
2.	Senior Lecturer	Sethu Institute of Technology, Pulloor, Kariapatti, Virudhunagar District, Tamilnadu, India	Jul,01, 2005	Dec,31, 2007
3.	Assistant Professor	Sethu Institute of Technology, Pulloor, Kariapatti, Virudhunagar District, Tamilnadu, India	Jan,01, 2008	Jun,30, 2010
4.	Assistant Professor	Sethu Institute of	Jul,01,	Dec,31,

	(Selection Grade)	Technology, Pulloor, Kariapatti, Virudhunagar District, Tamilnadu, India	2010	2010
5.	Associate Professor	Sethu Institute of Technology, Pulloor, Kariapatti, Virudhunagar District, Tamilnadu, India	Jan,01, 2011	May,21, 2011
6.	Full-Time Research Scholar Funded Project Implementation	Anna University, Chennai	Jan 2014	Apr 2021
7.	Associate Professor	Sethu Institute of Technology, Pulloor, Kariapatti, Virudhunagar District, Tamilnadu, India	Jul,22, 2021	Nov,17, 2021

3. Research Interest: Data Mining, Image Processing, Artificial Intelligence

4. Journal Publications (add patent if any):
   1. **Ariffa Begum, S**. & Askarunisa, A., "Performance Analysis of Machine Learning Classification Algorithms in Static Object Detection for Video Surveillance Applications", Wireless Personal Communications. 115(2): 1291-1307 (2020)
   2. **S. Ariffa Begum**, Dr. A. Askarunisa, Vinod kumar B, Veerapandi M, Surya Narayana Moorthy T K, "Detection of Foreground Object for Video Surveillance Applications", International Journal for Research in Applied Science & Engineering Technology(IJRASET), Volume 5, Issue III, March 2017, *ISSN: 2321-9653*
   3. **S. Ariffa Begum**, Dr. A. Askarunisa, N.Divya, "Unsupervised Video Anomaly Detection", KARPAGAM JOURNAL OF ENGINEERING RESEARCH (KJER), Volume No.: II, Special Issue on IEEE Sponsored International Conference on Intelligent Systems and Control **(ISCO'15)-pp-67-73**
   4. **S. Ariffa Begum**, Dr. A. Askarunisa, N.Divya, "Analysis of Video Anomaly Detection Techniques", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 9 No. 20, 2014, pp 4518-4521
   5. **S. Ariffa Begum**, Dr. A. Askarunisa, "Performance Analysis of Various Key Frame Extraction Methods for Surveillance Applications", International Journal of Emerging Technology and Advanced Engineering, Volume 4, Issue 9, September 2014,pp 157-160.

5. Book/Book chapter publications:

6. Funded Projects

Sl. No.	Title of the project	Funding Agency	Duration	Amount	Status
1	Automatic surveillance system	**Department**	**2016-2019**	**Rs. 17.75**	**Completed**

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			Lakhs	
to detect abnormal behaviors and abandoned objects in public places" worth funded by	**of Science and Technology, Government of India, New Delhi Under WOS-A Scheme.**			

7. Ph.D guidance: NIL

8. Participation in Seminars/FDP/Workshop/Conference/Webinar:

Sl. No.	Title of the event	Attended/Organized	Date	
			From	**To**
1.	AICTE Sponsored 6th International Conference on Design and Applications of Structures, Drives, Communicational and Computing Systems, ICDASDC-2017 at K.L.N College of Information Technology, Pottapalayam, Sivagangai,Tamilnadu	Presented a paper entitled "Survey on Moving Object Detection Methods",	13-10-2017	14-10-2017
2.	5th International Conference on Emerging Trends in Engineering & Technology , ICETET-2018, at Pandian Saraswathy Yadav Engineering College, Sivagangai,Tamilnadu	Presented a paper entitled "A Survey on Moving Object Detection using Deep Learning"	09-03-2018	10-03-2018
3.	Workshop on Research Methodology for Science and Engineering at Vickram College of Engineering, Enathi	Attended	March 29, 2014	
4.	Workshop on Satellite Image Processing – with MATLAB- organized by Department of Electronics and Communication Engineering at Thiagarajar College of Engineering, Madurai.	Attended	April 4, 2014	April 5th, 2014
5.	Workshop on Computer Vision and Medical Image Processing : A Practical Approach using MATLAB- organized by Department of Electronics and Communication Engineering at	Attended	April 25th 2014	April 26th, 2014

	Thiagarajar College of Engineering, Madurai			
6.	ICMR Sponsored 5 Days National Workshop on "Computer Vision & Digital Image Processing for Dental Applications", at K.L.N College of Information Technology, Pottapalayam, Sivagangai,Tamilnadu	Attended	18-09-2017	22-09-2017
7.	ICMR Sponsored Seven Days National Workshop on " Deep Learning Applications in Medical Imaging", at K.L.N College of Information Technology, Pottapalayam, Sivagangai District, Tamilnadu	Attended and Presented	14-11-2018	20-11-2018
8.	AICTE Sponsored one week Short Term Training Program on "Deep Learning Techniques for Electronic Health Record Analysis" from at Malla Reddy Engineering College for Women, Maisammaguda, Dhulapally, Secunderabad-500100, Telangana	Attended	01-02-2020	06-02-2020
9.	Seminar on Feature Extraction Methods using Python at KLN CIT	Presented	Aug 12, 2020	
10.	webinar on Academic and Sponsored Research at Sethu Institute of Technology	Organized	21-08-2021	

9. Membership in Professional societies

Life member in ISTE