

**Wavoo Wajeeha Women's College of Arts & Science
Kayalpatnam – 628 204**

Staff Profile

1.	Name	J KAVITHA
2.	Designation	Assistant Professor
3.	Name of the Department	Computer Science
4.	Gender	Female
5.	Date of Appointment	18.06.2018

Education details:

S.No	Degree	Institution	University	Year of Passing	Grade/ Percentage/Title of Research
1.	B.Sc	Pope's College, Sawyerpuram	M.S University	2000	First
2.	M.C.A	V.O.C College, Tuticorin	Indira Gandhi National Open University, New Delhi	2004	First
3.	M.E	J.J. College of Engineering and Technology, Trichy	Anna University	2007	FWD
4.	SET (CS & A)	Mother Theresa Women's University, Kodaikanal.	Tamilnadu State	2016	Qualified
5.	Ph.D	M.S University	M.S University	2018	Video Summarization Using Datacube Based Shot Boundary Detection in the Wavelet Domain

Details Of Orientation Or Refresher Courses Or FDP Attended:					
S.No	Theme	University/ Institution	Sponsor	Duration	Date
1.	FDP on Visual Programming	National Engineering College, Kovilpatti		10.12.2007 to 22.12. 2007	
2.	FDP- Teaching and Learning Methodologies	Manonmaniam Sundaranar University, Tirunelveli		18.11.2013 to 24.11.2013	

Details of Seminars,Conferences,Workshops,etc.,(With ISBN/ISSN):					
S.No	Type	Theme	OrganizedBy	Sponsor, ISBN/ISSN	Date
1.	Seminar/Workshop	Research Issues & Challenges Towards Cognition Architecture	National Engineering College, Kovilpatti		19.12.2008 to 20.12. 2008
2.	Seminar/Workshop	Research Challenges and Trends in Intelligent Web for Information Retrieval	National Engineering College, Kovilpatti		18.3.2011 & 19.3.2011
3.	Seminar/Workshop	Research Issues in Computer Simulation and Modeling for Advanced Nuclear Energy Systems	National Engineering College, Kovilpatti		15.7.2011 & 16.7. 2011
4.	Seminar/Workshop	Data Mining	M.S University, Tirunelveli		17.2. 2012
5.	Seminar/Workshop	Soft Computing Techniques using MATLAB	Dr.G.U.Pope College of Engineering, Sawyerpuram		16.03.2012
6.	Seminar/Workshop	Exploring Network and Network Security: from Root to Research	Dr.G.U.Pope College of Engineering, Sawyerpuram		26.09.2012
7.	Seminar/Workshop	LATEX	Dr.G.U.Pope College of Engineering, Sawyerpuram		28.9.2012

8.	Seminar/Workshop	NS2 and MATLAB	Einstein College of Engineering, Tirunelveli		12.10.2012 & 13.10.2012
9.	Seminar/Workshop	Object Oriented Analysis and Design using UML with essentials of Rational Software Architect	Dr.G.U.Pope College of Engineering, Sawyerpuram		16.10.2012 to 19.10.2012
10.	Seminar/Workshop	HTML & WEB Technologies	Annammal college of Education for Women		31.1.2013
11.	Seminar/Workshop	Network Hardware Technologies	Manonmaniam Sundaranar University, Tirunelveli		7.10.2013 & 8.10.2013
12.	Seminar/Workshop	Steps 2 Research (e-seminar)	AmalJyothi College of Engineering, Kanjirappally		19.9.2014 & 20.9.2014
13.	Seminar/Workshop	Video Analytics	Madras Institute of Technology, Chennai		10.10.2014 & 11.10.2014
14.	Seminar/Workshop	Proficient Document Writing using Latex	Manonmaniam Sundaranar University, Tirunelveli		17.11.2014
15.	Seminar/Workshop	Image and Video Processing using MATLAB	IITMK Trivandrum		10.2.2015 to 14.2.2015
16.	Seminar/Workshop	Image Sensing, Medical Imaging and Satellite Image Processing	IITMK Trivandrum		20.3.2015 & 21.3.2015
17.	Seminar/Workshop	Image and video processing: From Mars to Hollywood with a stop at the hospital	Coursera online course		March 2015
18.	Seminar/Workshop	Remote Sensing and Space Science	Manonmaniam Sundaranar University, Tirunelveli		10.1.2017 & 11.1.2017
19.	Seminar/Workshop	Satellite management and its Issues	Manonmaniam Sundaranar University, Tirunelveli		7.2.2017 & 8.2.2017
20.	Seminar/Workshop	Fundamentals of Digital Image and Video Processing	Coursera online course		May 2017

21.	Seminar/Workshop	Recent Trends in Information Technology	Marghosis College, Nazerath		6.7.2018
22.	Seminar/Workshop	MOOCs through SWAYAM	Manonmaniam Sundaranar University, Tirunelveli		19.11.2018
23.	Seminar/Workshop	Recent Advances in Machine Learning Algorithms and Matlab programming	Aditanar College of Arts and Science, Tiruchendur		12.2.2019
24.	Workshop	NPTEL Workshop	NPTEL, IIT Madras and Manonmaniam Sundaranar University		19.07.2019

Details of papers/poster published:

S.No	Type	Theme	OrganizedBy	Date
1.	National Conference	National Conference on Parallel & Distributed Computing	Cauvery College for Women, Trichy	March 2006
2.	National Conference	National Conference on Advanced Computing	Jayaram College of Engineering, Trichy	Sep 2006
3.	National Conference	National Conference on Current Trends & soft Computing	Sri Ramakrishna Engineering college, Coimbatore	Jan 2007
4.	National Conference	National conference on Recent Trends in Advanced Computing NCRTAC'13	Manonmaniam Sundaranar University	Sep, 2013
5.	International Conference	International Conference on Graph Algorithms, High Performance Implementations and Applications (ICGHIA2014)	Coimbatore Institute of Technology, Coimbatore	Dec, 2014
6.	IEEE International Conference	IEEE International Conference on Computing Technologies and Intelligent Data Engineering	National Engineering College, Kovilpatti	Jan, 2016

Details Of Papers Published In Journals

S. No	Journal Type	Name Of The Journal	Title Of The Article	Name Of The Co-Authors	Volume No, Issue No, Page Nos. ISSN No/DOI	Month and year of Publication	Impact Factor	Whether Peer reviewed or not
1.		International Journal of Image, Graphics and Signal Processing (IJIGSP), MECS Publisher	Design of a Video Summarization Scheme in the Wavelet Domain Using Statistical Feature Extraction	Arockia Jansi Rani P Associate Prof, Department of Computer Science and Engineering	Vol. 7, Issue 4, pp.60-67	2015		Yes
2.	Listed in UGC Journals	Procedia Computer Science, Elsevier Publisher	Static and Multiresolution Feature Extraction for Video Summarization	Arockia Jansi Rani P	Vol. 47, pp.292-300	2015		Yes
3.	Listed in UGC Journals	World Academy of Science, Engineering and Technology International Journal of Computer, Electrical, Automation, Control and Information Engineering	Shot Boundary Detection Using Octagon Square Search Pattern	Sowmyayani S, and Arockia Jansi Rani P	Vol. 10, No.7,	2016		Yes
4.		World Scientific Publishing Company, International Journal of Image and Graphics	Wavelet-Based Feature Vector for Shot Boundary Detection	Sowmyayani S, and Arockia Jansi Rani P	Vol. 17, No. 1, 1750002 (9 pages)	2017		Yes
5.	Indexed in Scopus	Recent Patents on Computer Science	Key-Frame Extraction Techniques- A Review	M. Asha Paul, J. and P.Arockia Jansi Rani	Vol. 11, pp. 3 - 16,	2018		Yes

Details of visit as a resource person for guest lecture or seminars/Ph.D,Viva-voce Examination

S.no	Type	Nature Of Visit	Institution	Date
1.	Guest Lecture	Association event Topic - Image and Video Processing Using MATLAB	Govindammal Aditanar College for Women, Tiruchendur	29.12.2017
2.	Guest Lecture	Computer Sci. Engg. Association - Exploring Video Processing Applications Using MATLAB	Dr. G. U. Pope College of Engineering, Sawyerpuram	26.09.2018

Various Positions held :

S.No	College/University/Institution	Position	Department	Duration
1.	Dr. G. U. Pope College of Engineering	Assistant Professor	Computer Science and Engineering	8.1.2007 to 13.09.2013
2.	Dr. G. U. Pope College of Engineering	Association Coordinator	Computer Science and Engineering	July 2011 to April 2012
3.	Wavoo Wajeeha Women's College of Arts and Science	Eco club convener	Computer Science	From July 2019