Name of the Faculty	:	S. Kavitha
Department	:	Computer Science
Designation	:	Assistant Professor & Head
Teaching Experience	:	12 Years
Email id	:	kavivishnupari@gmail.com
Contact Number	:	9952531727

Educational Qualification:

Qualification	Year of Passing	Name of the College	Name of the University	% of Marks / Grades Obtained
BCA.,	2005	Pannaikkadu Veerammal Paramasivan College, Dindigul	Madurai Kamaraj University, Madurai	77% Distinction
M.Sc., (CS &IT)	2007	Jayaraj AnnabackiamCollege for Women, Periyakulam	Mother Teresa Women's University, Kodaikanal	85% Distinction
M.Phil., (CS)	2008	Vinayaga Mission University,Salem	Vinayaga Mission University,Salem	70% First Class
Ph.D., (CS)	Reg: 2018	Karpagam Academy ofHigher Education, Coimbatore	Karpagam Academy of Higher Education, Coimbatore	Pursuing

➡ Title of the M.Phil., Dissertation: MOD 10 Algorithm in Software Debugging

➡ Title of the Ph.D., Thesis: Development of Segmentation Methods to Extract Hippocampus from MRI to Help Physicians for the Diagnosis of Alzheimer's Disease

Positions Held:

➡ Member, Board of Studies for B.Sc., (CS), BCA., M.Sc., (CS) & M.Sc., (IT) of Mother Teresa Women's University, Kodaikanal, 2016.

➡ Member, Board of Studies for B.Sc., (CS), BCA., M.Sc., (CS) & M.Sc., (IT) of Mother Teresa Women's University, Kodaikanal, 2018.

➡ Member, Board of Studies for B.Sc., (CS), BCA., M.Sc., (CS) & M.Sc., (IT) of Mother Teresa Women's University, Kodaikanal, 2021.

Research Publications:

- A Survey on Distributed Intrusion Detection System for Cognitive Radio Networks based on Weighted Fair Queuing Algorithm, International Journal Research & Development in Technology, Vol.9, Issue 3, ISSN:2349-3585, March 2018.

- A Survey on Various Techniques of Frequent Itemset Mining, International Journal Research & Development in Technology, Vol.9, Issue 3, ISSN:2349-3585, March 2018.

- Medical Image Segmentation of Pancreas using D-Sift Algorithm, International Journal of Advanced Research in Computer and Communication Engineering, Vol.6, Issue 02, ISSN:0973- 4562, Feb 2017.

- Edge Shield Static Median Filter For Removing Noise On Various Types of Images, International Journal of Computer Science Trends and Technology, Vol 5, Issue 02, ISSN:2347- 8578, 2017.

- Image Encryption Using Binary Bit Plane And Rotation Method for an Image Security, International Journal of Engineering Development and Research, Vol 5,,Issue 02, ISSN:2321-9939, April 2017.

- Content Based Image Retrieval Using Multi- Dimensional Texture, Edge Orientation Histogram and EDBTC Compression, International Journal of Advanced Research Trends in Engineering and Technology, Vol 4, Special Issue 5, ISSN:2394-3785, March 2017.

- Automated Screening System for Acute Myelogenous Leukemia Detection in Blood Microscopic Images, International Journal of Advanced Research Trends in Engineering and Technology, Vol 4, Special Issue 5, ISSN:2394-3785, March 2017.

- Biometric Deceit Detection for Secure Authentication Using Deep Learning, International Journal of Advanced Research Trends in Engineering and Technology, Vol 4, Special Issue 5, ISSN:2394-3785, March 2017.

- 3-D Face Identification under Disruption using Masked Projection, International Journal of Advanced Research Trends in Engineering and Technology, Vol 4, Special Issue 5, ISSN:239 4-3785, March 2017.

- Extraction of Top k Itemsets from High Utility Itemsets Using Faster High-Utility Itemset Miner, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Vol 3, Issue 3, ISSN: 2456-3307, April 2018.

- Distributed Intrusion Detection System for Cognitive Radio Networks Based on Weighted Fair Queuing Algorithm, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Vol 3, Issue 3, ISSN: 2456-3307, April 2018.

- The Cluster-based Techniques to Segment Hippocampus from 9.4T MRI of Human Brain for the Diagnosis of Memory Disorders, Karpagam Journal of Computer Science, Vol 13, Issue 3, ISSN: 0976-2926, Mar – Apr 2019.

- The Identification of Hippocampus from MRI of Human Brain Using Cluster and Filtering, Scopus Indexed – Journal of Advanced Research in Dynamical and Control Systems, Vol 11,PP.580 – 585, ISSN:194 3-023X, 2019.

- Segmentation of Hippocampus from MRI of Human Brain using Neighborhood Patterns and Mathematical Morphology, International Journal of Research and Reviews, Vol 6, Issue 2, E-ISSN:2348-1269, P-ISSN: 2349-5138, June 2019.

- A Survey of Computer-Assisted Methods for the Diagnosis of Memory- Related Disorders, Karpagam Journal of Computer Science, Vol 14,Issue 4, ISSN:0976-2926, May-June 2020.

- Region-based Labeling and Mapping for Sub-cortical Structure Segmentation from Magnetic Resonance Imaging (MRI), Web of Science -Journal of Science and Technology, ISSN:2651-4451, E-ISSN 2651-446X, 2020.

- Effective Parallel Approach for Sclera Vein Recognition, Alochana Chakra Journal UGC-CARE List – Group I, ISSN:2231-3990, 2021.

- Kidney Stone Detection using MRI, International Journal of Innovative Research in Computer and Communication Engineering, Vol 9, Issue 3, ISSN:2320-9801, March 2021.

- Hybrid Clustering Technique Based Segmentation of Brain Tumor, International Journal of Innovative Research in Computer and Communication Engineering, Vol 9, Issue 3, ISSN:2320-9801, March 2021.

- To Predict the Brightness of Terrain & Cloud Pixels in Remote Sensing Image, International Journal of Innovative Research in Computer and Communication Engineering, Vol 9, Issue 3, ISSN:2320-9801, March 2021.

- Effective Parallel Approach for Sclera Vein Recognition, International Journal of Innovative Research in Science, Engineering and Technology, Vol 10, Issue 3, ISSN:2319-8753, March 2021.

- The Template based Method to Extract Hippocampus from 1.5T MRI to Assist Clinicians for Memory- related Diseases, International Conference on Innovations in Engineering, Science and Technology (ICIEST-2019), ISBN – 9-789388-398428, Feb 2019.

- The Identification of Hippocampus from MRI of Human Brain Using Clustering and Filtering, International Conference on Trends in Technology (ICTT-2019), ISBN – 9-789388-398732, Feb 2019.

- Segmentation of Hippocampus from MRI of Human Brain using Neighborhood Patterns and Mathematical Morphology, International Conference on Advanced Scientific Innovation In Science, Engineering and Technology (ICASISET-2019), April 2019.
- Segmentation of Hippocampus from MRI of Human Brain using Neighborhood patterns and Mathematical Morphology, International Conference on Emerging Trends In Science, Technology and Mathematics (ICETSTM-2019), ISBN–9-789353-619756, August 2019.
- The Template based Method to Extract Hippocampus from 1.5T MRI to assist Clinicians for Memory Related Diseases, International Conference on Innovations in Engineering (ICIEST-2019), Kalasalingam Institute of Technology, Krishnankoil, ISBN: 9789388 398428, Feb 2019.
- The Identification of Hippocampus from MRI of Human Brain using Clustering and Filtering, International Conference on Trends in Technology (ICTT-2019), Nadar Saraswathi College of Arts and Science, Theni, ISBN: 9789388 398732, Feb 2019.
- Segmentation of Hippocampus from MRI of human brain using Neighborhood patterns and Mathematical Morphology, International Conference on Emerging Trends In Science, Technology and Mathematics (ICETSTM-2019), Parvathy's Arts and Science College, Dindigul, ISBN: 789353 – 619756, Aug 2019.

Papers Presented in Conference/Seminar/Symposium/Workshop:

Programme	Title of the Paper	Theme of the Programme	Venue	Date
FDP – A Short Term Course	Digital Learning Techniques	Digital Learning Techniques	ICT Academy	18.01.21 to 23.01.21
FDP	Participated	Effective Research and Proposal Writing	Adi Chunchanagiri Women's College, Cumbum	13.05.20
FDP	Participated	Free and Open Access Resource for Teaching, Learning and Research	Adi Chunchanagiri Women's College, Cumbum	20.05.20
FDP	Participated	Transforming Education – The Google Classroom Way	Aachi Institute of Management Entrepreneurial Development	01.06.20 to 07.06.20
National Level Conference	The Role of Hippocampus Segmentation in the	Recent Trends and Advances in the Field of Information	Karpagam Academy of Higher Education, Coimbatore.	28.09.18

	Diagnosis of ALZHEIMER'S Disease	Technology		
International Level Conference	Segmentation of Hippocampus from MRI of human brain using Neighborhood patterns and Mathematical Morphology	Advanced Scientific Innovation in Science	Bharath Instituteof Higher Education and Research	19.04.19 & 20.04.19
International Level Conference	Automatic and Semi-Automatic Methods to Extract the Portion of Human Brain from MRI – A Survey	Data Science and Machine Learning	M.V.M. Govt. Arts College for Women, Dindigul	30.08.19
National Level Seminar	Participated	Latest Trends in Computer Science	Sacred Heart College of Arts and Science	01.10.15
National Level Seminar	Participated	Challenges in Quality Sustenance in Higher Education	Arulmigu Palani andavar Arts College for Women, Palani	29.01.19
International Level Seminar	Participated	Recent Advancements in Computer Applications	Government Arts College for Women, Nilakottai	09.07.19
National Level Seminar	Participated	MATLAB	St. Antony's College of Arts and Science for Women, Dindigul	29.08.18
International Level Colloquium	Participated	Research Orientation and Quality Publications	Mother TeresaWomen's University, Madurai	06.08.14
National Level Seminar	Participated	Internet of Things (IOT)	Sakthi collegeof Arts and Science for Women, Dindigul .	16.03.21
Workshop	Participated	ICT enablement in Higher Education for Improving and Streamlining Process	Master Soft ERP Solutions Ltd., Madurai	03.05.19
Workshop	Participated	Advanced Java Programming	Sri Hayagreeva Arts and Science College	31.01.15
Workshop	Participated	ResearchMethodology	Mother TeresaWomen's University, Kodaikanal	27.08.14 &

				28.08.14
Workshop	Participated	RealTime Cognitive Services on Azure Cloud	Parvathy's Artsand Science College for Women, Dindigul	10.06.20 to 12.06.20
Workshop	Participated	Digital Hygiene and Fact Checking	Adi Chunchanagiri Women's College, Cumbam.	10.06.20
National Level Webinar	Participated	Producing Employable Graduates	G.T.N Arts College, Dindigul	15.05.20
National Level Webinar	Participated	Encouraging Learners Engaging inRemote Learning	Parvathy's Arts and Science College for Women, Dindigul	13.06.20
National Level Webinar	Participated	Ultra Teaching by Distributed Learning Tools	N.S.College of Arts and Science, Theni	03.06.20
National Level Webinar	Participated	Understanding Machine Learning	Government Arts College for Women, Nilakottai	08.06.20 & 09.06.20
National Level Webinar	Participated	Fundamentals of Data Analysis forResearch	Navarasam College of Artsand Science for Women, Erode	30.05.20
National Level Webinar	Participated	Cyber Security	Maharani Artsand Science College, Dharapuram	27.05.20
National Level Webinar	Participated	Free Statistical Tool for Research Data Analysis and Research Publication withSpatial Reference to Citation, Impact Factor and h Index	Jayaraj Annapackiam College For Women, Periyakulam	01.06.20 & 02.06.20
National Level Webinar	Participated	Being a Smart Researcher	Holy Cross College, Trichy	17.06.20 & 18.06.20
National Level Webinar	Participated	Introduction to IOT: A ResearchPerspective	G.T.N Arts College, Dindigul	28.05.20
National Level Webinar	Participated	Cracking NET/SET: Problems andSolutions	St. Antony's College of Arts and Science for Women, Dindigul	10.06.20

National Level Webinar	Participated	Principals and IQAC Coordinators Meet	Master Soft ERP Solution Pvt Ltd. Nagpur.	28.05.21 & 29.05.21
National Level Webinar	Participated	Road Map for Placement	Sakthi College of Arts and Science for Women, Oddanchatram.	29.05.21