

CURRICULUM VITAE – ABHAYADEV. M

Dr Abhayadev. M, MCA, M.Phil, Ph.D

Vasantham

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EDUCATION

Ph.D. in Computer Science (Regular) from the Bharathiar University, Coimbatore, (2014-2018). Thesis advisor: Professor Dr.T Santha. Thesis title: Multi-Operator Content Aware Retargeting on Natural Images.

M.Phil. in Computer Science (Regular) from the Bharathiar University, Coimbatore. Thesis advisor: Associate Professor Dr.A. Hema. Thesis title: An Unsupervised Opinion Mining from Expert Review for Web Based Products.

Master's Degree in Computer Application MCA (Regular) from Kongunadu Arts and Science College (Autonomous), the Bharathiar University, Coimbatore. Thesis advisor: Assistant Professor Mr. L. Haldurai. Thesis title: Client Communication Using DCC and IRC.

Bachelor's Degree in Mathematics (Regular) from Malabar Christian College (MCC), University of Calicut.

Higher Secondary Education from Malabar Christian College Higher Secondary School, Calicut.

High School Education from Palora Higher Secondary School, Ulliyeri, Calicut.

Programme of Study	Name of the University	Major Subjects	Regular or Distance	Month & Year of Passing	Class or Grade	%of Marks
Ph.D	Bharathiar University	Digital Image Processing	Regular	2019		
M.Phil	Bharathiar University	Data Mining	Regular	2014	First	60.00
PG	Bharathiar University	MCA	Regular	2011	First	65.72
UG	Calicut University	B.Sc Maths	Regular	2007	Second	56.9

BLOG DETAIL <https://sites.google.com/view/abhayadevmalayil/home>

GOOGLE SCHOLAR <https://scholar.google.com/citations?user=p0qlvwAAAAJ&hl=en>

Citations 9, h-index 1

RESEARCH GATE https://www.researchgate.net/profile/Mabhayadev_Malayil

SEMANTIC SCHOLAR <https://www.semanticscholar.org/author/M.Abhayadev/40764417>

RESEARCH INTERESTS Image Processing, Data mining, Image Mining and Machine Vision.

JOB EXPERIENCES 7 August 2011 to 2 May 2012, PHP Developer, QBiT Technologies, Coimbatore.
17 September 2013 to 31 July 2014, Research Consultant, Emp. Code: QBT-086, QBiT Technologies, Coimbatore.

TEACHING EXPERIANCE Assistant professor in the Department of BCA, Hindustan college of arts and science, Coimbatore, Tamilnadu.

Assistant professor in the Department of BCA, St. Xavier's Arts & Science College, Calicut, Kerala.

Assistant professor in the Department of Computer Science, IHRD College of Applied Science Pattuvam, Taliparamba, Kannur, Kerala.

BOOK CHAPTERS

M Abhayadev, Dr. T Santha, "CRIST900: A Fully-Labeled Natural Image Dataset for Multi-Operator Content Aware Image Retargeting", A. Abraham et al. (Editors.), Advances in Intelligent Systems and Computing, Volume 940, chapter 69, **2020**, Springer Nature Switzerland AG. https://doi.org/10.1007/978-3-030-16657-1_69

M Abhayadev, Dr. T Santha, "Natural Images Visual Importance Identification Using Location Based Feature Selection Saliency Map", L. Ashok Kumar et al. (Editors.), Proceedings of International Conference on Artificial Intelligence, Smart Grid and Smart City Applications, Volume 360, chapter 53, **2020**, Springer International Publishing, Springer Nature Switzerland AG. eBook ISBN 978-3-030-24051-6, DOI : 10.1007/978-3-030-24051-6

PUBLICATIONS-INTERNATIONAL JOURNALS

M Abhayadev, Dr. A Hema, "An Overview of Opinion Mining", International Journal of Engineering Research and Technology (IJERT), ISSN 2278-0181, Vol. 2, Issue 5, May **2013**.

M Abhayadev, Dr. T Santha, "Content-Aware Image Seam Carving Technique for Object Resizing", Saba Journal of Information Technology and Networking (SJITN), Vol.5, No.1, April **2017**.

M Abhayadev, Dr. T Santha, "Object Boundary Identification using Enhanced High Pass Frequency Filtering Algorithm and Morphological Erosion Structuring Element", Journal of Scientific & Industrial Research (SCIE), Vol. 76, pp.620-625, October **2017**.

M Abhayadev, Dr. T Santha "Multi-Operator Content Aware Image Retargeting on Natural Images", Journal of Scientific & Industrial Research (SCIE), Vol. 78, pp. 193-198, April **2019**.

**PUBLICATIONS-
INTERNATIONAL,
IEEE & SPRINGER
CONFERENCES**

M Abhayadev, Dr. T Santha, "Novel Approach on Content Based Image Retrieval, Public and Private Search Engine", Second International Conference on Advances in Information Technology and Networking (ICATN'15), Department of Computer Science, Dr G R Damodaran College of Science, Coimbatore, 20 February **2015**.

M Abhayadev, Dr. T Santha, "Content-Aware Image Retargeting Technique for Shadows, Facial Image and Big Objects Calculation of Mean Opinion Score for Retargeted Image Quality", Fourth International Conference on Advances in Information Technology and Networking (ICATN'17), Department of Computer Science, Dr G R Damodaran College of Science, Coimbatore, 2nd February **2017**.

M Abhayadev, Dr. T Santha, "Efficient Retargeting Of Shadow Images Using Improved CRIST", IEEE International Conference on Intelligent Computing and Control (I2C2), Karpagam College of Engineering, Coimbatore, 23-24 June **2017**.

M Abhayadev, Dr. T Santha, "Image Retargeting Based On Object Inpainting and Background Seam Carving", IEEE International Conference on Advances in Electrical Technology in Green Energy (ICAETGT) Jansons Institute of Technology, Coimbatore, 23 September **2017**.

M Abhayadev, Dr. T Santha, "CRIST900: A Fully-Labeled Natural Image Dataset For Multi-Operator Content Aware Image Retargeting" 18th Springer International Conference on Intelligent Systems Design and Applications (ISDA), School of Information Technology and Engineering, Vellore Institute of Technology. 6-8 December **2018**.

M Abhayadev, Dr. T Santha, "Natural Images Visual Importance Identification Using Location Based Feature Selection Saliency Map", IEEE International Conference on Artificial Intelligence Smart Grid and Smart City Applications (AISGSC), PSG College of Technology, Coimbatore.3-5 January**2019** (*Best Paper Award in the Soft Computing Category*).

M Abhayadev, "Visual Attention Detection in Natural Images Using Location Based Feature Selection Saliency Map", E- Proceeding of the 6thInternational Conference On Artificial Intelligence, Computer Science& Information Technology (AICS 2019),Pages 1-5, e-ISBN : 978-967-0792-34-7, Puri Pujangga Hotel, Bangi Selangor, Malaysia. Organized by <https://worldconferences.net>, 29 June **2019**.

PUBLICATIONS- NATIONAL CONFERENCES

M Abhayadev, Dr. A Hema, "Data Warehouse a Survey", Regional Science Congress on Science for Shaping the Future of India, organized by Indian Science Congress Association Coimbatore Chapter, 15-16 December **2012**.

M Abhayadev, Dr. T Santha, "Content Based Image Retrieval Public and Private Search Engines", Proceedings of the UGC Sponsored National Conference on Advanced Networking and Applications,Special Issue Published in International Journal of Advanced Networking and Applications (IJANA), 27 March **2015**.

PUBLICATIONS- IN PROCESS

M Abhayadev, Dr. T Santha, "Retargeting Of Shadow Images Usingi-CRIST", Electronic Letters on Computer Vision and Image Analysis, ELCVIA is ranked with SJR (SCImago Journal Rank) indicator: 0.12.

M Abhayadev, Dr. T Santha, "Content Aware and Oblivious Image Retargeting Algorithms A Review", The International Arab Journal of Information Technology (IAJIT), Impact Factor 0.724.

M Abhayadev, Dr. T Santha, "Visual Saliency Detection of Agriculture Image Objects in Spatial and Frequency Domain", Journal of Scientific & Industrial Research (SCIE).

M Abhayadev, Dr. T Santha, "Subjective And Objective Quality Metrics Performance of Content Aware Image Retargeting Algorithms", ARPN Journal of Engineering and Applied Sciences.

**PARTICIPATION –
CONFERENCE,
SEMINAR,FDP&
SYMPOSIUM**

Participated in the National Conference held on 21st Feb **2013**, organized by Department of IT, Dr NDP Arts and Science College.

Participated in the National Seminar on Recent Trends in Data Mining held on 7th and 8th Feb **2013**, at VYSYA College, Salem.

Participated in Third International Seminar on “Research in Computer Why What and How” held at Bharathiar University on 11th March **2013**.

Participated in the Faculty Development Program on SPSS and Its Applications at GRD Institute of Management, Feb 6th to 20th, **2015**.

Participated in the Two days National Workshop on “Hands on Training on Preparation of Journal Articles Using Latex” conducted by Kongu Engineering College on 06-08-2015 to 07-08-**2015**.

Participated in Elsevier Connect Seminar held on 5th November **2015**, Coimbatore.

Participated in the Two day Lecture workshop on “Internet of Things: A Research Perspective for A Smart Environment”. On 25th and 26th November **2015**, at Dr G R Damodaran College of Science.

Participated and Presented a paper titled “Content Aware Natural Image Retargeting” in the National Level Technical Symposium (TECHFESTINO’16), held on 31st March **2016**, at RVS Technical Campus, Coimbatore.

Participated and Presented a paper titled “Content Retargeting of Underwater Images using Seam Carving Process” in the National Symposium on Underwater Networking and Communication, held on September 22 & 23, **2016**, at Dr G R Damodaran College of Science.

Participated in the Short-term training program on Pattern Recognition and Application (PR&A 2017) organized by ECE Department, at Kumaraguru College of Technology, on 27th Feb to 2nd March **2017**.

Participated in the faculty Development Program on Practical Exposures of Image Processing Using MATLAB, 05-09 June **2018**, Organised By: Rajasthan Technical University, Kota & Arya College of Engineering and Research Centre, Jaipur.

Participated in the one day National level Faculty Development Program on “Underwater Computing and Communication” Organized by Department of Computer Science, Dr G R Damodaran College of Science on August 30, **2018**.

**PERSONAL
DETAILS**

Date of Birth 21/08/1986
 Sex Male
 Nationality Indian
 Marital Status Single
 Father’s Name Kunhikannan K K
 Mother’s Name Vasantha P K
 Permanent address Vasantham, Near Ambramoli Canal
 Muthambi Road,Panthalayani,
 Koyilandy,Kozhikode,Kerala,
 673305, Phone No: 9847919199.

RELIGION Hindu/ OBC

**LANGUAGES
KNOWN**

English – Spoken and Written
 Tamil – Spoken and Working Knowledge
 Malayalam – Spoken,Written and Reading
 Hindi – Written and Working Knowledge

**NAME AND ADDRESS
OF REFEREES**

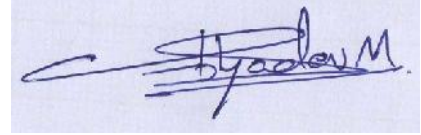
1 st Referee		2 nd Referee	
Name	Dr.T. Santha	Name	Dr. T. Devi
Position	Professor and Principal	Position	Professor and Head
Address	Department of Computer Science,Dr.G.R.Damodaran College of Science, Coimbatore, Tamilnadu, India	Address	Department of Computer Application,Bharathiar University Coimbatore, Tamilnadu, India
E-Mail ID	principal.cs@grd.edu.in	E-Mail ID	tdevi5@gmail.com
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3 rd Referee		4 th Referee	
Name	Dr. S.D Madhu Kumar	Name	Dr. T.V. Geetha
Position	Professor	Position	Dean, Anna University Chennai
Address	Professor, Dept. of CSE NIT, Calicut, Kerala India	Address	Senior Professor, Dept. of CSE College of Engineering, Guindy Anna University, Chennai
E-Mail ID	madhu@nitc.ac.in	E-Mail ID	deanceg@annauniv.edu
Phone No	(+91) 9447353393	Phone No	(+91)9445040791

DECLARATION

I hereby declare that the particulars furnished above are true and correct to the best of my knowledge. I understood that my candidature would be cancelled if any information were found to be false or incomplete.

Abhayadev M

A handwritten signature in blue ink, appearing to read 'Abhayadev M', is written over a light blue rectangular background.

Place: Koyilandy
Date:05/05/2021