

Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D	Computer Science	Gandhigram Rural Institute- Deemed To Be University	May, 26, 2016
MCA	Computer Science	Bisop Heber College, Tiruchirappalli	April 2009
B.Sc.	Mathematics	Bishop Heber College (Autonomous), Tiruchirappalli.	2006

Ph.D. Details

Title of Thesis	Area of Specialization	Research Centre	Year of Award
Development of Decision based Filters for Impulse Noise Removal from Digital Images	Image Restoration	Gandhigram Rural Institute - Deemed to be University	May, 26, 2016
Research Supervisor Dr.P. Shanmugavadivu			

Additional Qualification

Name of Course	Place of Study	Date	Duration
Certificate in French	2010-2011	July, 2011	One Year

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Bishop Heber College, Tiruchirappalli	Programmer	02/07/2009	30/06/2010
Gandhigram, Rural Institute - Deemed to be University	Gandhigram, Rural Institute - Deemed to be University, Gandhigram.	Guest Teacher	06/01/2017	31/05/2017
Gandhigram, Rural Institute - Deemed to be University	Gandhigram, Rural Institute - Deemed to be University, Gandhigram.	Assistant Professor	15/07/2015	23/12/2016

Teaching / Research Experience**U.G. :** 3**P.G. :** 3**M.Phil.****Ph.D.****Research Guidance****U.G. :** 9**P.G. :** 3**M.Phil. :****Ph.D. :****Table of Contents**

1.	Conferences / workshops / Seminars Attended	10
2.	Research Papers Presented	9
3.	Publication in Journals	5
4.	Publication in Books	3
5.	Books Published / Edited	0
6.	Conferences / Workshops / Seminars Organised	1
7.	Research Projects	1
8.	Resource Person	2
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	1
14.	M.Phil. / Ph.D. Produced	0 / 4

1. College level Workshop on **"Faculty Recharge Programme"** sponsored by Department of CS organized by Bishop Heber College, Tiruchirappalli at Tiruchirappalli during 28/08/2017 to 01/09/2017.
2. College level Workshop on **"Capacity Building"** sponsored by IQAC organized by Bishop Heber College, Tiruchirappalli at Tiruchirappalli during 14/07/2017 to 15/07/2017.
3. National level Workshop on **"Big Data Analytics and Tools" in Bharathiar University** sponsored by UGC organized by Bharathiar University at Coimbatore during 25/01/2016 to 30/01/2016.
4. National level Workshop on **"Image Processing and Pattern Recognition - REsearch"** sponsored by Thiagarajar College of Engineering, Madurai organized by Thiagarajar College of Engineering, Madurai at Madurai during 21/03/2015 to 22/03/2015.
5. National level Orientation on **"Access to E-Resources under UGC-INFONET Digital Library Consortium"** sponsored by UGC organized by Gandhigram Rural Institute - DU at Gandhigram during 13/02/2015 to 01/01/1900.
6. National level Workshop on **"Machine Learning Techniques in Matlab"** sponsored by IIST, Trivandrum organized by IIST, Trivandrum at Trivandrum during 30/06/2014 to 01/01/1900.
7. National level Workshop on **"LaTex and Research Methods"** sponsored by National Institute of Technology organized by National Institute of Technology at Tiruchirappalli during 20/09/2013 to 21/09/2013.
8. Regional level Workshop on **"Intellectual Property and Innovation Management in Knowledge Era"** sponsored by Gandhigram Rural Institute - Deemed to be University organized by Gandhigram Rural Institute - Deemed to be University at Gandhigram during 17/10/2012 to 01/01/1900.
9. National level Workshop on **"Differential Equations"** sponsored by Indian Institute of Information Technology and Management organized by Indian Institute of Information Technology and Management at Trivandrum, Kerala during 27/09/2012 to 28/09/2012.
10. National level Seminar on **"Fuzzy Mathematical Morphology in Image Processing"** sponsored by Kongu Engineering College organized by Kongu Engineering College at Perundurai during 21/07/2011 to 22/07/2011.

1. **"Performance Review of Speckle Noise Filters for Ultrasound Images"** in the National conference on *National Conference on Computational Methods, Communication Techniques and Informatics (NCCCI 2017)* sponsored by UGC, organized by Gandhigram Rural Institute - Deemed to be University at Gandhigram during 27/01/2017 to 28/01/2017.
2. **"Performance Analysis on Depth Based Image Rendering Techniques"** in the National conference on *National Conference on Computational Methods, Communication Techniques and Informatics (NCCCI 2017)* sponsored by UGC, organized by Gandhigram Rural Institute - Deemed to be University at Gandhigram during 27/01/2017 to 28/01/2017.
3. **"Iterated Function Transformation-Based Filter for Highly Corrupted Images"** in the International conference on *International Conference on Emerging Trends in Electrical, Electronics and Communication Technologies-ICECIT, 2012* sponsored by , organized by Srinivasa Ramanujam Institute of Technology at Anatapur, Andra during 20/12/2012 to 22/12/2012.
4. **"Partitioned Kernel Based Adaptive Median Filter"** in the National conference on *National Conference on Signal and Image Processing* sponsored by UGC & CSIR, organized by Gandhigram Rural Institute - Deemed to be University at Gandhigram during 09/02/2012 to 10/02/2012.
5. **"Restoration Potential of Adaptive Two Stage Median Filter on Fixed-Value Impulse Noise Corrupted Images for Different Window Shapes – A Comparative Analysis"** in the National conference on *National Conference on Signal and Image Processing* sponsored by UGC & CSIR, organized by Gandhigram Rural Institute - Deemed to be University at Gandhigram during 09/02/2012 to 10/02/2012.
6. **"Laplace Equation based Adaptive Median Filter for Highly Corrupted Images"** in the International conference on *International Conference on Computer Communication and Informatics (ICCCI 2012)* sponsored by IEEE, organized by Sri Shakthi Institute of Engineering & Technology at Coimbatore during 10/01/2012 to 12/01/2012.
7. **"Adaptive Selective Max-Median Filter for Fixed – Value Impulse Noise Suppression for Highly Corrupted Images"** in the National conference on *National Seminar on Research Issues in Computer Science* sponsored by AICTE, organized by K.S.R. College of Engineering at Tiruchencode during 02/09/2011 to 02/09/2011.
8. **"Fixed-value Impulsive Noise Suppression for Images using PDE based Adaptive Two-Stage Median Filter"** in the International conference on *International Conference on Computer, Communication & Electrical Technology – 2011* sponsored by IEEE, organized by National College of Engineering at Tirunelveli during 18/03/2011 to 19/03/2011.
9. **"Selective 8-Neighbourhood based Median Filter for Images Corrupted with High Density Fixed - Value Impulse Noise"** in the International conference on *IIST -2011* sponsored by , organized by SunCollege of Engg & Technology at Nagercoil during 10/03/2011 to 11/03/2011.

Publication in Journals

- 5

1. **"Fuzzy Generalized Fractal Dimensions Using Inter-Heartbeat Interval Dynamics in ECG Signals for Age Related Discrimination"** published in International Journal of Engineering & Technology (PEER REVIEW) Vol. 7, Issue No. 4, October 2018 ISSN : ---.
2. **"Fuzzy Logic and Distance Measure Based Adaptive Fixed Value Impulse Noise Filter"** published in The Journal of Analysis (PEER REVIEW) Vol. , Issue No. , July 2018 ISSN : 0971-3611.
3. **"Adaptive Bi-stage Median Filter for Images Corrupted by High Density Fixed - Value Impulse Noise"** published in International Journal of Electrical, Electronics & Computer Science Engineering (PEER REVIEW) Vol. , Issue No. , February 2018 ISSN : ---.
4. **"Adaptive Iterated Function Systems Filter for Images Highly Corrupted with Fixed – Value Impulse Noise"** published in The European Physical Journal Special Topics (PEER REVIEW) Vol. 223, Issue No. 8, April 2014 ISSN : ---.
5. **"Adaptive PDE-Based Median Filter for the Restoration of High-Density Impulse Noise Corrupted Image"** published in International Journal of Advanced Information Technology (PEER REVIEW) Vol. 1, Issue No. 6, January 1900 ISSN : ---.

Publication in Books

- 3

1. **Fuzzy Cut Sets Based Filter for Fixed-Value Impulse Noise Reduction.** *Advances in Algebra and Analysis, Trends in Mathematics.* Switzerland :Springer Nature, January 2019.
2. **A Robust Fuzzy-Based Modified Median Filter for Fixed-Value Impulse Noise.** *SPRINGER-LNEE.* Singapore :Springer, November 2014.
3. **Modified Partial Differential Equations based Adaptive Two-Stage Median Filter for Images Corrupted with High Density Fixed-Value Impulse Noise.** *Communications in Computer and Information Science.* Germany :Springer – Verlag, September 2011.

Conferences / Workshops / Seminars Organised

- 1

1. National level Conference Entitled **"National Conference on Computing Technologies -2018"** at Bishop Heber College, Tiruchirappalli, sponsored by , during 26/02/2018 to 01/01/1900.

RESEARCH PROJECTS

- 1

1. Minor project entitled **"DEVELOPMENT OF MEDICAL IMAGE SEGMENTATION TECHNIQUES FOR DETECTING THE ALZHEIMER'S DISEASES"** (PRINCIPAL INVESTIGATOR), Sponsored by BHC Management, during 01/10/2019 to 3/31/2021 [Completed].

PROFESSIONAL MEMBERSHIP - 1

- * 203329 of International Association of Engineers (IAENG) during 01/11/2017 - Till Date

TRAINING PROGRAMME - 3

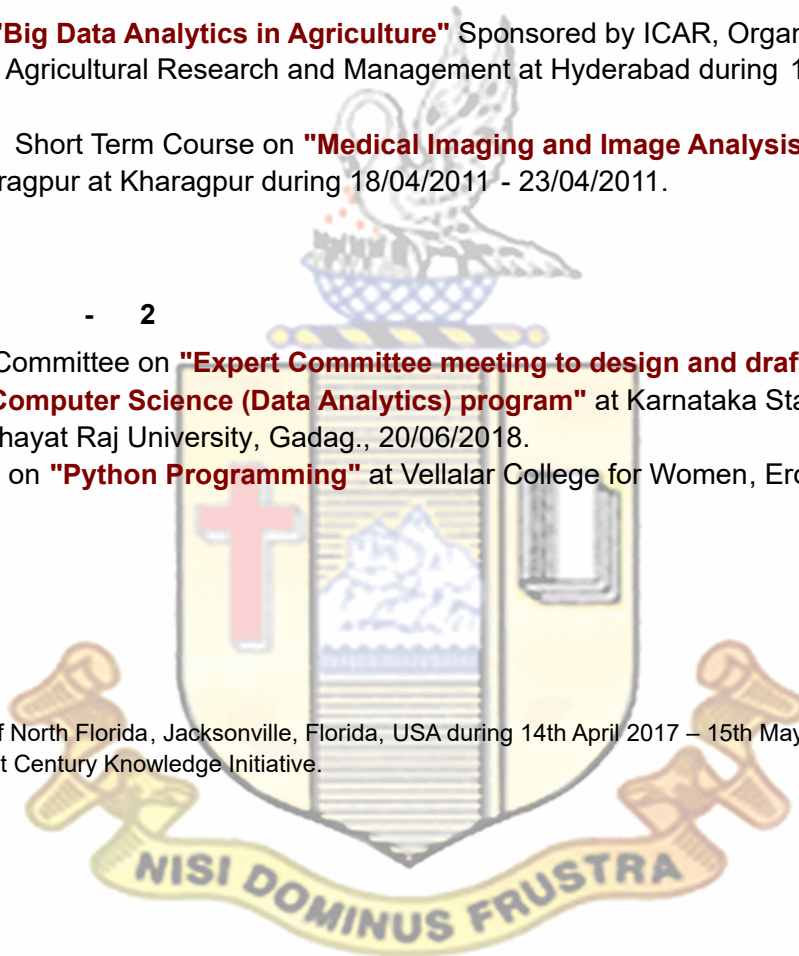
- # STATE level on **"Tuning Young Faculty Towards Effective Teaching"** Sponsored by United Board for Christian Higher Education in Asia, Organized by United Board for Christian Higher Education in Asia at St. Christopher's College of Education, Chennai during 23/01/2018 - 27/01/2018.
- # NATIONAL level on **"Big Data Analytics in Agriculture"** Sponsored by ICAR, Organized by National Academy for Agricultural Research and Management at Hyderabad during 13/06/2016 - 22/06/2016.
- # NATIONAL level 10. Short Term Course on **"Medical Imaging and Image Analysis"** Sponsored by , Organized by IIT Kharagpur at Kharagpur during 18/04/2011 - 23/04/2011.

RESOURCE PERSON - 2

1. University level Expert Committee on **"Expert Committee meeting to design and draft Course contents of- M.Sc. in Computer Science (Data Analytics) program"** at Karnataka State Rural Development and Panchayat Raj University, Gadag., 20/06/2018.
2. College level Workshop on **"Python Programming"** at Vellalar College for Women, Erode, 01/09/2017.

Additional Information

- @ International Visit
Visited the University of North Florida, Jacksonville, Florida, USA during 14th April 2017 – 15th May 2017 - Exchange Visit under Indo-US 21st Century Knowledge Initiative.



Signature of Staff
(ELIAHIM JEEVARAJ P S)