




**Faculty Profile**

Name	: Dr. A. Muthuraj				
Date of Birth	: 03/06/1989				
Highest Qualification	: Ph. D.				
Date of Joining	: 12/04/2023				
Designation	: Assistant Professor				
Date of promotion (Present Designation)	: -				
Area of Interest	: Image Processing, Deep Learning, Data Mining				
Mobile No	: 9486715098	Email ID	: haimuthuraj@gmail.com		
Experience	: Teaching : 9 Years	Industry	: -	Research	: 1 year
Address (for Communication)	1/78, Thuvarkulam, Kalunguvilai post, Sathankulam-628704, Tuticorin Dt.				

**Association with Professional Bodies**

Name (Professional Body)	The Indian Society for Technical Education (ISTE)	Indgiants Association of Educators & Professional Trainers (IAEPT)
Type of Membership and No.:	Life member (LM-125784)	Life Member (I99242531)

**Research**

Ph. D Guidance					
Supervisor / Guide ship No. :	NA	University :	NA	No. of Scholars :	NA
Publication*					
International Journals :	2	National Journals :	-		
International Conference :	1	National Conference :	2		
Project Grants (Research projects guided or undertaken/ Sponsored Projects)					
Received (Amount) :	-	Applied (Amount) :	-		
Patent					
Published :	-	Granted :	-		

**Books**

Published	: 1
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**FDPs / STTPs / Workshops / Seminars etc.,**

FDP		STTP		Workshop		Seminar		Others	
Attended :	6	Attended :	-	Attended :	4	Attended :	1	Attended :	2
Organized :	-	Organized :	-	Organized :	-	Organized :	-	Organized :	-

Online courses (NPTEL, MOOC etc.)	-
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**\*List of Publications :**

**JOURNAL PUBLICATIONS:**

3. Jiji, G. Wiselin, and **A. Muthuraj**. "Advanced Analysis of Bipolar Disorder Through Computer Vision Technology." *Wireless Personal Communications* (2024): 1-20, E-ISSN:1572-834X
2. G.Wiselin Jiji, **A. Muthuraj**, "Computer assisted diagnosis of bipolar disorder using invariant features", *Concurrency and Computation Practice and Experience*, 2022, DOI:10.1002/cpe.6984, ISSN: 1532-0626, Impact Factor 1.536.
1. Jiji W, **Muthuraj A**, Vijayan CP, Rajesh A. "Analysis of Bipolar Disorder Using fMRI". *Wireless Personal Communications*. 2022 Dec 4: pp. 1-9. E-ISSN:1572-834X

**BOOK PUBLICATIONS:**

1. Dr. P. Sudhakaran, **Dr. A. Muthuraj**, "Foundations of Data Science", Charulatha Publications, Aug 2023, ISBN: 978-93-5577-618-1.

**CONFERENCE PUBLICATIONS:**

5. **A. Muthuraj** (2024), "Traffic light controller for ambulance", National Conference on recent trends and technologies in computing(NCRTTC 24), Arasu Engineering Cillege, 02.05.2024.
4. G.Wiselin Jiji, **A.Muthuraj** (2017), "Object Recognition from Scale Invariant Feature Transform ", National Conference in Advanced Trends in Computer Science & Engineering, Organized by Department of CSE & Computer Society of India, Dr.Sivanthi Aditanar College of Engineering, Tiruchendur, 4<sup>th</sup> April 2017
3. **A.Muthuraj**, Dr.G.Wiselin Jiji,(2014), "Disaster Assessment", 3<sup>rd</sup> International Conference in Emerging Marvels in Information and Computer Science Engineering, Maria Engineering College, Autoor, 25<sup>th</sup> & 26<sup>th</sup> Feb 2014
2. **A.Muthuraj**, Dr.G.Wiselin Jiji,(2014), "Disaster Assessment using Digital Elevation Model", International Conference on Recent Trends in Engineering and Technology, Organized by CSI Institute of Technology, Thovalai, 13<sup>th</sup> & 14<sup>th</sup> March 2014, ISBN:978-93-80609-18-8
1. **A.Muthuraj**, Dr.G.Wiselin Jiji,(2013)," Survey of Disaster Assessment", International Seminar on Computer Vision, Dr. Sivanthi Aditanar Collage of Engineering, Tiruchendur, 8<sup>th</sup> & 9<sup>th</sup> October 2013, ISBN:978-93-82880-65-3