

Dr. VENKATESH KANNA T., M.E., Ph.D
Assistant Professor-II / ECE
Velammal College of Engineering and Technology, Madurai.
Email id: tyk@vcet.ac.in



Educational Qualification:

	Degree	Year	Subject	University/Institution	%/OGPA
1.	Ph.D	2020	Epileptic Seizure detection using Support vector Machine	Hindustan University, Chennai	Awarded
2.	M.E	2007	Applied Electronics	Anna University / CIT Coimbatore.	8.01
3.	B.E	2003	Instrumentation and Control Engineering	Kamaraj university / SIT Madurai.	75 (FWD)
4.	Diploma	1997	Electrical and Electronics Engineering	Board of Engineering and Technology.	72%

Experience in Years: Teaching - 15Years
Industry - 2.5 years

History:

S.No	Positions held	Name of the Institute	From	To
1.	Assistant Professor II	Velammal College of Engineering and Technology, Madurai.	03.06.2024	Till date
2.	Associate Professor	Bharath University, Chennai	01.12.2021	02.09.2022
3.	Assistant Professor (Senior Grade)	SKR engineering college, Chennai.	11.06.2014	30.11.2021
4.	Assistant Professor	Arupadai veedu Institute of Technology (AVIT), Chennai.	01.08.2008	28.06.2013
5.	Lecturer	Karpaga Vinayaka Institute of Engineering and Technology	02.08.2007	01.08.2008
6.	Lecturer	Muthayammal Engineering College, Salem.	24.09.2004	24.05.2005

Interested Research Areas: Medical Electronics, image processing, Biomedical Instrumentation, signals and system, Communication network.

Supervisor: NA

List of Publications:

International Journals:

- 1] Venkateshkanna.T, Vallikannu.R.,‘Anlaysia of EEG Signal Classification Using Dual Tree M Band Wavelet Transform’, journal of Advanced research in Dynamical and control 2017.
- 2] Venkatesh kannu.T. ,Vallikannu.R. ,‘Analysis of Translational Invariant wavelet transform for Epileptic Seizure Detection using Support Vector Machine’, Indian journal of public health Research & Development, Aug 2018.
- 3] Venkateshkanna.T.,Vallikannu.R.,‘EpilepticSeizureDetectionfromEEGSignalsby AdaptiveWaveletsandSupportVectorMachine,*InternationalJournalofEngineering& Technology*, (2018).
- 4] Venkateshkanna.T, Vallikannu.R.‘AnOptimizedAssistiveEpilepticSeizureDetectionSystem for Human Environmental Conscientiousness’, Journal of Green Engineering (JGE), Volume-10, Issue-1, January 2020.
- 5] Venkatesh kannu T.’An Efficient Hybrid Group key management for unmanned Autonomous Vehicles’ in Wirless Network environment-SCI journal Publication Sep 2022.
- 6] T Venkateshkanna;LeoLMegalan;S Sivakumar;R Kumudham;Sathish Kumar,’Comparative analysis on sediment classification using convolutional Nerual Network’, *International conference on Power, Energy, Control and transmission systems(ICPECTS) IEEE, 27 February 2023.*

“Patent Details:

Title: : Artificial Intelligence-Based Lifetime Prediction And Deployment Strategy For Wireless Sensor Network

Application No: 202241008530 A **Patent No:** 41008530 **Publishedon:** 04/03/2022

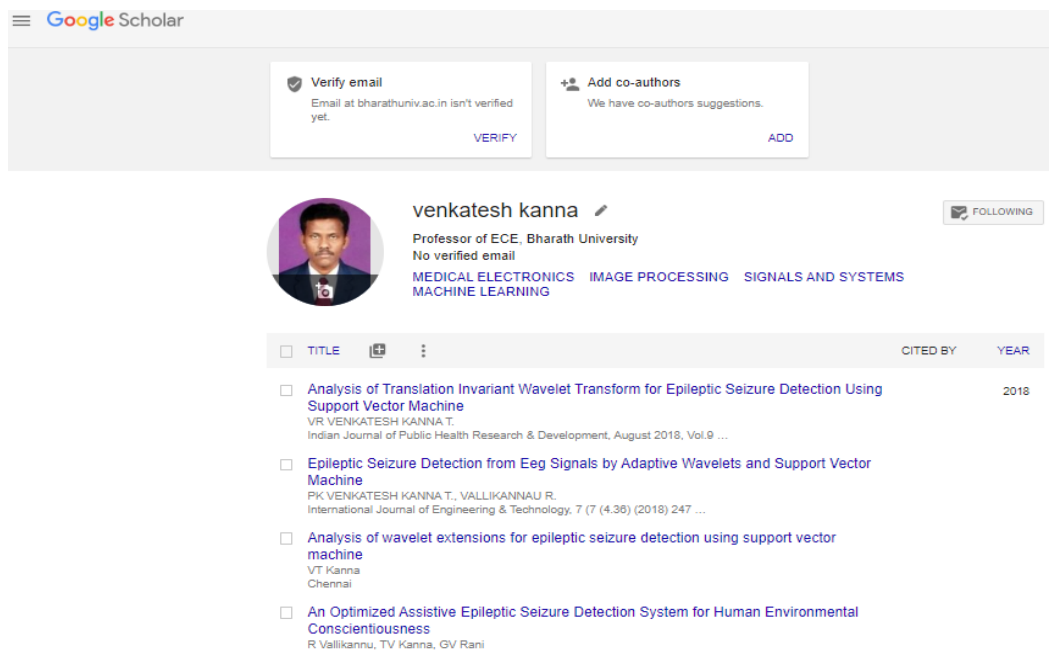
INTERNATIONALCONFERENCE:

1. “Nanotechnology for WirelessCommunication”,in National ConferenceonNanomaterials (NCN-2010) in Karunya University at 3rd December-2010.
2. “Radiation characteristics of Circular Patch antenna” in National Conference on Recent Trends in Instrumentation &Control(RTIC-2011),in Jayaram college ofengineeringat4th and5th December-2011.
3. “Applications of Optical MEMS in Lightwave communications” in International conference ICETEEM-13, in AVIT paiyanoor at Dec13-15/2012.

4. Venkatesh kanna T., Punithavathy.K. Vallikannu.R. ‘Epileptic Seizure Detection from EEG Signals by Adaptive Wavelets and Support Vector Machine’, journal of Advanced research in Dynamical and control 2017. In the Proceedings of International Conference RANE-2018.
5. T.Muthuraja1.T.Venkateshkanna, 2.J.Rajalakshmi, 3.Mrs.N.Maheswari, “AUTOMATIC WASTE SEGREGATION BASED ON ARDUINO” International conference on Emerging trends in Information and communication at SIT on 5 & 6th April 2022.

Membership Details: Life Member in IETE


Google Scholar Web page:



Google Scholar

Verify email
Email at bharathuniv.ac.in isn't verified yet.
[VERIFY](#)

Add co-authors
We have co-authors suggestions.
[ADD](#)



venkatesh kanna ✎

Professor of ECE, Bharath University
No verified email

[MEDICAL ELECTRONICS](#)
[IMAGE PROCESSING](#)
[SIGNALS AND SYSTEMS](#)
[MACHINE LEARNING](#)

FOLLOWING

	TITLE	CITED BY	YEAR
<input type="checkbox"/>	Analysis of Translation Invariant Wavelet Transform for Epileptic Seizure Detection Using Support Vector Machine <small>VR VENKATESH KANNA T. Indian Journal of Public Health Research & Development, August 2018, Vol.9 ...</small>		2018
<input type="checkbox"/>	Epileptic Seizure Detection from Eeg Signals by Adaptive Wavelets and Support Vector Machine <small>PK VENKATESH KANNA T., VALLIKANNAU R. International Journal of Engineering & Technology, 7 (7 (4:36) (2018) 247 ...</small>		
<input type="checkbox"/>	Analysis of wavelet extensions for epileptic seizure detection using support vector machine <small>VT Kanna Chennai</small>		
<input type="checkbox"/>	An Optimized Assistive Epileptic Seizure Detection System for Human Environmental Conscientiousness <small>R Vallikannu, TV Kanna, GV Rani</small>		

