CURRICULUM VITAE

Personal data

DR.V.BALAMURUGAN
Professor & HOD
Department of Electronics and
Communication Engineering
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Education

Doctorate Degree

Madras Institute of Technology / Anna University 2012

PG degree

Karunya Institute of Technology / Bharathiar University 2001

UG degree

Government College of Technology, Coimbatore / Bharathiar University 2000

Research focuses/Title of dissertation

Feature Based Adaptive Tolerance Tree (FATT): An Efficient Indexing Technique for Content Based Image Retrieval using 2D Wavelet transform

Teaching

Since Sep 2014	Professor, Department of Electronics And Communication Ahalia School of Engineering &Technology, Palakkad
June 2014-September 2014	Associate Professor, Department of Electrical and Electronics Banariamman Institute of Technology, Satyamangalam
January 2014- June 2014	Professor, Department of Electronics and Communication PA College of Engineering and Technology, Pollachi
June 2012 – December 2013	Professor, Department of Electronics And Communication Nehru Institute of Engineering and Technology, Coimbatore
May 2011 – May 2012	Professor, Department of Electronics and Communication Alpha College of Engineering, Chennai
May 2010- May 2011	Assistant professor, Department of Electrical and Electronics Veltech Multitech Engineering College, Chennai
August 2001 – April 2010	Assistant Professor, Department of Electrical and Electronics St. Peter's Engineering College, Chennai

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Recent Journal Publications

1.Abdul Zahid J, Anugraha M, Arun A, Shafil S, Dr. V. Balamurugan, Dr. Leesha Paul apaper titled "Solar Clean Autobot: Iot-Enabled Solar Panel Cleaning Robot" International Journal of Engineering Applied Sciences and Technology, 2024 Vol. 9, Issue 05, ISSN No. 2455-2143, Pages 180-184.
Published Online September 2024 in IJEAST (http://www.ijeast.com)

2..Amith Mathew Titus, Manukuttan P, Mohamed Afran, Vignesh V, **Dr. V. Balamurugan, Asha Arvind,** paper titled, "Robust Analytical Vehicle For Exploration and Navigation (Raven)" International Journal of Engineering Applied Sciences and Technology, 2024 Vol. 9, Issue 05, ISSN No. 2455-2143, Pages 163-167. https://doi.org/10.33564/IJEAST.2024.v09i05.021.

3. Arya A, Megha P, Shijila S, Sreelakshmy M, **Dr. V. Balamurugan, Swetha C paper titled, "**Railway Track Crack Detection Robot" International Journal of Engineering Applied Sciences and Technology, 2024 Vol. 9, Issue 05, ISSN No. 2455-2143, Pages 175-179. https://doi.org/10.33564/IJEAST.2024.v09i05.023

4. Abdul Siya Salim, Dhakshayani V.R., Rahna A, Sruthika S., **Dr. V. Balamurugan, Dr.Aneesh K,** paper titled **,** " Designing Low Power Double Tailed Comparator For ECG" , International Journal of Engineering Applied Sciences and Technology, 2024 Vol. 9, Issue 05, ISSN No. 2455-2143, Pages 168-174.
https://doi.org/10.33564/IJEAST.2024.v09i05.022

5. Shruthi S; Amritha M H; Sreesha V; Abhijay V; **Dr. Krishna Kumar Kishor; Dr. V. Balamurugan**, **"Multiband Frequency Compact Patch Antenna for 5G Applications**", International Journal Of Innovative Science And Research Technology-IJISRT, Volume 9, Issue 4, April 2024
DOI: https://doi.org/10.38124/ijisrt/IJISRT24APR2145

6. Sanjay M.; Asha Arvind; Ajay Krishna K.; Anuchand P.C.; Sreelaxmi V. N.; **Dr. V. Balamurugan** paper titled on **" Compact and Wearable Ventilator System for Enhanced Patient Care** ", International Journal Of Innovative Science And Research Technology-IJISRT, Volume 9, Issue 4, April 2024
DOI : https://doi.org/10.38124/ijisrt/IJISRT24APR056

7. Hisham H; Aswin Haridas; Sreerenj PR; Vijayakrishnan M**; Dr. V Balamurugan** paper titled, "**Home Automation Using Image Processing**", International Journal Of Innovative Science And Research Technology-IJISRT, Volume 9, Issue 4, April 2024
DOI: https://doi.org/10.38124/ijisrt/IJISRT24APR2036

8. Minzy M; Aryamol S ; Asha D; **Divya Mohan; Dr V Balamurugan**, paper titled, "**Geospatial Land Classification Via Advanced Image Processing using CNN**", International Journal Of Innovative Science And Research Technology-IJISRT, Volume 9, Issue 3, March 2024
DOI: https://doi.org/10.38124/ijisrt/IJISRT24MAR1914

9.Joel T Aju, Dr.V.Balamurugan , paper titled, A comprehensive survey on Extrative and Abstrative Text Summarization Approaches Evaluation Techniques and Engineering Technologies" in the 4th ACE international Conference on Applied Science ,Engineering ,Technology and Management -AICASETM'24 organized by Alpha College of Engineering on May 3,2024.

Resource person:
Paper presentation: Nil, International-Nil,
National- 14, Guest lecture delivered: Nil