

Dr.T.Baranidharan

M 17, Taj Nagar,
S.P.B. Colony (po),
Namakkal (D.T),
Erode-638010,
Tamilnadu, India.
Mobile: +91 9094335811
Email: baraniinst@gmail.com



Details of Publications in International Journals

- ✓ **T. Baranidharan**, "Modeling of F3I Based Feature Selection Approach for PCOS Classification and Prediction" Journal of Ambient Intelligence and Humanized Computing, **Springer**, ISSN:1868-5137(2020).
- ✓ **T. Baranidharan**, "Weight Optimized Neural Network using metaheuristics for the classification of large cell carcinoma and adenocarcinoma from lung imaging" International Journal of Current Signal Transduction Therapy, ISSN: 1574-3624(2016) vol.11, No.2, pp-91-97.
- ✓ **T. Baranidharan.**, and D. K. Ghosh, "A Medical Image Retrieval Framework using genetically Optimized Elman Neural Network" Life Science Journal, ISSN: 1097-8135(2013), Vol.10 (4s), pp-542-548.
- ✓ **T. Baranidharan.**, and D. K. Ghosh, "A Two-Dimensional Image Classification Neural Network for Medical Images", European Journal of Scientific Research, ISSN 1450-216X (2012), Vol.74 No.2, pp 286-291.
- ✓ **T. Baranidharan.**, and D. K. Ghosh, "Medical Image Classification Using Genetic Optimized Elman Network", American Journal of Applied Sciences, ISSN 1546-9239(2012), Vol.9 (1), pp 123-126.
- ✓ **T. Baranidharan.**, and D. K. Ghosh, "Medical Image Classification Using Information Gain for Global Feature Reduction", International Journal of Computer Science and Information Technologies, ISSN 0975-9646(2011), Vol 2(6), pp 2773-2775.
- ✓ **T. Baranidharan.**, and D. K. Ghosh, "Classification of Medical Images Using Fast Hilbert Transform and Decision Tree Algorithms", International Journal of Computer Science and Engineering, ISSN: 0997-3397(2011), Vol.3, pp1496-1499.
- ✓ **T. Baranidharan**, "Automated water distribution system using PLC and SCADA", International Journal of Electrical and Electronics Engineers, ISSN: 2321-2055, Vol.7 (01), 2015.
- ✓ **T. Baranidharan**, "Health Monitoring using Internet of Things", International Journal for Science and Advance Research in Technology, ISSN: 2395-1052(2016), Vol.2, No.3, pp.92-94.

- ✓ **T. Baranidharan**, "Energy Efficient Monitoring and Controlling Using PLCC", International Journal for Science and Advance Research in Technology, ISSN: 2395-1052(2016), Vol.2, No.3, pp.187-189.

Details of Publications in International Conference

- ✓ Presented a paper entitled "Automated water distribution system using PLC and SCADA", International Conference on Recent Trends in Engineering Science and Management, 15th march 2015.

Details of Publications in National Conference

- ✓ Presented a paper entitled "Digital Mileage prediction and Fuel Indication in Two-wheeler using Micro Controller", National conference on Emerging trends in Engineering and Technology, Nandha college of Technology, on 17th March 2018.
- ✓ Presented a paper entitled "Smart Bus Management system", National conference on Recent trends in Information, Communication and computing Technologies, K.S.R College of Engineering, 07th April 2018.
- ✓ Presented a paper entitled "Automatic Emission Control system for Heavy Vehicle", National conference on recent Advancement and Effectual Researches in Electrical Engineering, Sri Krishna College of Technology, 28th March 2017.
- ✓ Presented a paper entitled "Automatic water distribution and SMS intimation system for Smart cities", National conference on recent Advancement and Effectual Researches in Electrical Engineering, Sri Krishna College of Technology, 28th March 2017.
- ✓ Presented a paper entitled "Energy Efficient Monitoring and Controlling Using PLCC", National conference on Smart systems, Erode Builders College of Engineering and Technology, 26th march 2016.
- ✓ Presented a paper entitled "Embedded based Portable Hazardous Gas Level Monitoring system for Manhole operations", National conference on Communication, power and instrumentation, M. kumarasamy college of Engineering, 13th March 2015.
- ✓ Presented a paper entitled "Intelligent Traffic Light Controller Using Embedded System", National conference on Recent Advancements and Challenges in Electrical Science, Institute of Road and Transport Technology, 27th Feb 2014.
- ✓ Presented a paper entitled "Monitoring of Underground Transmission Lines Using Scada", National conference on NCIT '14, Bannari Amman Institute of Technology, 27th Feb 2014.

- ✓ Presented a paper entitled "PLC based Automated coal conveyer and coal handling system for Industrial power plant", National conference on Networking and Communication system, Excel Engineering College, 22nd Feb 2013.
- ✓ Presented a paper entitled "PLC based Automated coal conveyer and coal handling system for Industrial power plant", National conference on Networking and Communication system, Jawaharlal Nehru University, 22nd Feb 2013.
- ✓ Presented a paper entitled "Location Discovery in Enterprise-based wireless Networks: Implementation and Applications", National conference on Recent Trends in Advanced Computing, SNS college of Technology, 6th Oct 2005.
- ✓ Presented a paper entitled "VHDL Implementation of High-speed A/D conversion", National conference on Applications of Emerging Technologies, Adhiyamaan College of Engineering, 28th march 2005.
- ✓ Presented a paper entitled "ADSP-based Technique for High-speed A/D Conversion to Generate Coherently sampled sequence", National conference on Emerging trends in Communication technology, K.S.Rangasamy College of Technology, 15-16th October 2004.

✓

✓