

## Dr.M.Pravin Kumar

Associate Professor,  
Department of Medical Electronics,  
Velalar College of Engineering and Technology,  
Thindal, Erode-638012. Tamil Nadu, India.

## Publications

### Journals

1. Vijay Kumar Burugari , Prabha Selvaraj, Venkata Praneel, Hari Kishan Kondaveeti, **M Pravin Kumar**, (October 2020), “THE APPLICATION OF COMPUTATIONAL MODELING FOR THE OPTIMIZATION OF BIO FUEL PRODUCTION PROCESSES”, International Journal of Advanced Trends in Computer Science and Engineering, Vol. 9, No. 5, ISSN 2278-3091, pp. 7883-7893. [SCOPUS]
2. T.V. Padmavathy, **M. Pravin Kumar**, M. Shakunthala, M.N. Vimal Kumar, S. Saravanan, (September 2020), “A NOVEL DEEP LEARNING CLASSIFIER AND GENETIC ALGORITHM BASED FEATURE SELECTION FOR HYBRID EEG-fNIRS BRAIN-COMPUTER INTERFACE”, NeuroQuantology, Vol. 18, No. 9, ISSN 1303-5150, pp. 125-134. [Annexure I, SCOPUS]
3. **Pravin Kumar M.** and Abinaya A. (August 2020), “DEVELOPMENT OF ARDUINO BASED COST EFFECTIVE AND SECURABLE VOTING MACHINE”, International Journal of Engineering, Research and Technology (IJERT) RTICCT, Vol. 8, Issue 12, pp. 35-37.
4. **Pravin Kumar M.** and Vijayachitra S, (July 2018), “STEEL PROCESS MODELING BASED ON COMPUTATIONAL INTELLIGENCE TECHNIQUES”, Asian Journal of Information Technology, Vol. 17, Issue 2, pp.124-130.
5. **Pravin Kumar M**, Vijayachitra S and Sapna S (April 2018), “INTERNET OF THINGS FOR SMART STEEL MAKING”, International Science and Technology Journal, ISSN 1632-2882, Vol. 7, Issue 4, pp. 64-67. [Impact Factor - 5.3]

6. **Pravin Kumar M.** and Vijayachitra S (Jan-Mar 2016), “SOFT COMPUTING TECHNIQUES FOR LADLE REFINING PROCESS IN STEEL MAKING”, International Journal of Advanced Engineering Technology, vol. 7, no. 1, pp. 955-958.
7. Sapna .S and **Pravin Kumar .M** (September 2015), “DIAGNOSIS OF DISEASE FROM CLINICAL BIG DATA USING NEURAL NETWORK”, Indian Journal of Science and Technology, ISSN 0974-5645, Volume 8, No. 24, pp.1-7. [SCOPUS]
8. **Pravin Kumar M.** and Vijayachitra S. (June 2015), “STEEL PROCESS MODELING USING CLUSTERING TECHNIQUE”, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, No. 62, pp.34-36. [SCOPUS (2010-17)]
9. Dr.Sapna .S and **Pravin Kumar .M** (May 2015), “AN INTEGRATED APPROACH TO BIG DATA USING FUZZY TECHNIQUE”, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, No. 62, pp.12-16. [SCOPUS(2010-17)]
10. Dr.Sapna .S and **Pravin Kumar .M** (June 2015), “INTEGRATION OF FUZZY CLUSTERING TECHNIQUE WITH BIG DATA FOR DISEASE DIAGNOSIS” International Journal of Electrical, Computing Engineering and Communication (IJECC), Vol.1, Issue 3, ISSN: 2394-8310, pp.32-37.
11. **Pravin Kumar M.** and Vijayachitra S. (June 2015), “FUZZY BASED APPROACH FOR ASSESSING AMOUNT OF ALLOY ADDITIVES IN STEEL PRODUCTION PROCESS”, International Journal of Electrical and Computing Engineering (IJECE), Vol.1, Issue 4, ISSN: 2349-8218, pp.70-73.
12. **Pravin Kumar M.**, Vijayachitra S. and Sri Padmavathi M. (May 2015), “INDUSTRIAL PROCESS MODELING USING INTELLIGENT COMPUTING TECHNIQUES”, Karpagam Journal of Engineering Research (KJER), ISSN 2393-994X, Volume 3, pp. 831-838.

### International Conferences

1. **Pravin Kumar .M** (March 2020), “ACCIDENT DETECTION AND FASTER AMBULANCE SERVICE USING LORA BASED NETWORK FOR MEDICAL ASSISTANCE”, International Conference on Advanced Science and Engineering Research (ASER 2020), at Al-Ameen Engg. College, Erode.

2. **Pravin Kumar .M** Velmurugan R., Balakrishnan P. (June 2019), “DETECTION AND CONTROL OF WATER LEAKAGE IN PIPELINES AND TAPS USING ARDUINO NANO MICROCONTROLLER”, International Conference on Intelligent Manufacturing and Energy Sustainability, at Malla Reddy College of Engineering & Technology, Hyderabad.
3. **Pravin Kumar .M** (March 2019), “Water LEAKAGE MANAGEMENT SYSTEM USING ARDUINO”, International Conference on Advanced Science and Engineering Research (ASER 2019), at Al-Ameen Engg. College, Erode.
4. **Pravin Kumar .M** and Hema .C (April 2017), “MARITIME BORDER ALERT SYSTEM USING GPS”, International Conference on Social Media, Data Analytics and Cloud Computing (ICSDC), at Aarupadai Veedu Institute of Technology, Chennai-603104.
5. **Pravin Kumar .M** and Dr.Vijayachitra .S (July 2015), “NEURO FUZZY TECHNIQUE FOR STEEL PROCESS MODELING”, International Conference on Soft Computing in Applied Sciences & Engineering, (ICSCASE-2015), at Noorul Islam University, Kumaracoil, Kanyakumari Dist.,Tamilnadu, India-629180.
6. Sapna .S and **Pravin Kumar .M** (July 2015), “DIAGNOSIS OF DISEASE FROM CLINICAL BIG DATA USING NEURAL NETWORK”, International Conference on Soft Computing in Applied Sciences & Engineering (ICSCASE-2015), at Noorul Islam University, Kumaracoil, Kanyakumari Dist.,Tamilnadu, India-629180.
7. **Pravin Kumar .M** and Dr.Vijayachitra .S (May 2015), “STEEL PROCESS MODELING USING CLUSTERING TECHNIQUE”, International Conference on Applied Research in Engineering and Technology (ICA<sup>R</sup>ET-2015), Thamirabharani Engineering College, Tirunelveli.
8. Dr.Sapna .S and **Pravin Kumar .M** (May 2015), “AN INTEGRATED APPROACH TO BIG DATA USING FUZZY TECHNIQUE”, International Conference on Applied Research in Engineering and Technology (ICA<sup>R</sup>ET-2015), Thamirabharani Engineering College, Tirunelveli.
9. **Pravin Kumar .M** and Dr.Vijayachitra .S (April 2015), “FUZZY BASED APPROACH FOR ASSESSING AMOUNT OF ALLOY ADDITIVES IN STEEL PRODUCTION PROCESS”, International Conference on Electrical Computing and Communication Engineering” Esploro International, Bangalore.
10. Dr.Sapna .S and **Pravin Kumar .M** (April 2015), “INTEGRATION OF FUZZY CLUSTERING TECHNIQUE WITH BIG DATA FOR DISEASE DIAGNOSIS”, International Conference on Electrical Computing and Communication Engineering Esploro International, Bangalore.

11. Dr.Sapna .S and **Pravin Kumar .M** (March 2015), “IDENTIFICATION OF RETINAL DAMAGE DUE TO DIABETES USING FUZZY TECHNIQUE”, International Workshop and Conference on Research Contributions in Technology and Applications 2015, Regional Office, Anna University, Tirunelveli.
12. **Pravin Kumar .M**, Dr.Vijayachitra .S and Sri Padmavathi .M (March 2015), “INDUSTRIAL PROCESS MODELING USING INTELLIGENT COMPUTING TECHNIQUES”, DRDO Sponsored Second IEEE International Conference on Innovations Information, Embedded and Communication Systems, ICII ECS’15, Karpagam College of Engineering, Coimbatore.