

ANISH FRANCIS

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Education

- Xth ,CBSE,1996
- XIIth,CBSE,1998
- B.tech,Calicut University,2003
- M.tech,Mahathma Gandhi University(2nd rank),2010
- P.hd(doing),Vellore Institute of Technology

Appointments:

1. 2004-2005,lecturer,Govt.Polytechnic kadathuruthy
2. 2005-2006,lecturer,Model Polytechnic mattakara
3. 2006-2007, lecturer, Ilahia College of engineering, muvattupuzha.
4. 2007-2010, Asst.Proffessor, Amaljyothi College of engineering.
5. 2010-2013,Assistant Engineer,Lower Periyar generating Station,KSEB
6. 2013-sept 2014,Assistant Engineer,Electrical Section Eratupetta,KSEB
7. 2014sept-till now,Assistant Engineer,Electical section Pinnakanadu,KSEB

Publications

1. "channel capacity analysis of railway powerlines", anishfrancis and Geevarghese Titus, *IEEE* 2011, 74-77, proceedings of ICETECT 2011
2. "investigation of channel capacity of railway power lines for track and level cross monitoring applications", anishfrancis and Geevarghese Springer LNCS, CNC 2011
3. "Channel capacity for PLC applications", anishfrancis and GeeVarghese AICERA 2011, Amaljyothi college of Engineering
4. Channel capacity for PLC applications", anishfrancis and GeeVarghese AICERA 2011-international journal, Amaljyothi college of Engineering
5. "Centralized medical data base systems with advanced DSP applications", anishfrancis and SunishKumar O.S, proceedings of Nacore-2009, Amaljyothi college of Engineering.
6. "Artificial intelligence based system for reservoir water level forecasting", anishfrancis , jahan rose mary and Geevarghese jtitus, national conference on computer paradigms, school of computer sciences, M.G. university
7. "Effects of training parameters on neural network parallel interference cancellor for CDMA, anishfrancis and jahan rosemary joseph, *IEEE* 2012, ICECT 2012
8. Effects of training parameters on neural network parallel interference cancellor for CDMA, anishfrancis and jahan rosemary joseph, International journal of future communications, IJFCS, 2013
9. Spread spectrum interference cancellation using neural network, Anishfrancis, geethosninan and k.g.satheeshkumar, International Conference on Electronics and Communication Engineering (ICECE-2012), IRNet ,Bangalore
10. Investigation of voltage stability index computation using neural network, anishfrancis, leelasalim and Tibin Joseph ,national conference on power system emergencies, dec 2012, CSIR, sri chandrashekerananda saraswati vishwa maha vidyalaya, kancheepuram, Tamilnadu
11. Training effects on neural network methods for voltage stability index computatioin, anishfrancis, leela salim and tibin joseph, International journal of electronic signals signals and systems (IJESS) 2013

12. Spread spectrum interference cancellation techniques using neural networks in fading channels,'anishfrancis,jibu Thomas,Biju Geevarghese and geethos ninan,*IEEE* 2013, ICICES-2013,Chennai
13. Training effects on neural network methods for voltage stability index computation'anishfrancis,leela salim and tbin joseph, International Conference on Advances in Electrical and Electronics Engineering (AEEE),2012,kochi,organized by IRnet.
14. Preprocessing and Training Effects in Voltage Stability Assessment Using Neural Networks," 'anishfrancis,leela salim and tbin joseph,*IEEE* 2013,IMAC4s,March 2013
15. Pre-processed Back propagation Neural Networks for CDMA Interference Cancellation,"Anish Francis,Jibu Thomas,Muth Anil,*IEEE* 2013,ICE-CCN2013,march 25-25,IJCET,Thirunelveli.
16. Semi Blind Neural Network based Channel Estimation Technique for OFDM Receivers,"Anish Francis,Meenu Mathew,AICERA 2013,*IEEE* 2013,Amaljiyothi college of Engineering.
17. Neural Network Estimation for MIMO-OFDM receivers,Anish Francis,Mathew George,ICCPCT 2014,*IEEE* 2014,Noorul Islam college of Engineering,
18. Training effects on neural network methods for voltage stability index computation'anishfrancis,leela salim and tbin joseph, International Conference on Advances in Electrical and Electronics Engineering (AEEE),2012,kochi,organized by IRnet.
19. Radon transform processed neural network for lung X-ray image based diagnosis,Chethan Sharma and Anish Francis,I2CT 2014,*IEEE* 2014,Pune,*IEEE* Bombay section
20. Neural network based temperature prediction,"Ancy M Alias and Anish francis,International journalof advanced research in electrical,electronics and instrumentation engineering, vol2 special isuee,december 2013
21. Neural Network Estimation for MIMO-OFDM revievers,Anish Francis,Mathew George,ICCPCT 2014,*IEEE* 2014,Noorul Islam college of Engineering,
22. HVDC transmission line fault location using wavelet feeded neural network bank,jebu john and anish francis,IJERSTE(imp.factor 1.25),vol.2,issue 11,November 2013
23. Fault classification and adaptive relaying in a power system using neural network,'ashish john Mathew,anishfrancis,jancy Varghese,"international conference on research vogues in engineering ,26th February 2014,Satyam college of engineering(anna university)
24. Morphology based radon processed neural network for transmission line protection,'vinayesh sulochana,anish francis,Andrew Tickle,*IEEE* 2015, 2015 International Conference on Advances in Computing, Communications and Informatics (ICACCI)
25. Impulse Noise Modelling Using FIR Filters for Power Line OFDM,"Anish Francis,Dr.G.Ramachandra Reddy,*IEEE* 2016,3rd International Conference on Electronics and Communication Systems,ICECS 2016,February 2016,Karpagam College of Engineering ,Coimbatore

Best paper awards

1. Neural Network Estimation for MIMO-OFDM revievers,Anish Francis,Mathew George,ICCPCT 2014,*IEEE* 2014,Noorul Islam college of Engineering,
2. Training effects on neural network methods for voltage stability index computation'anishfrancis,leela salim and tbin joseph, International Conference on Advances in Electrical and Electronics Engineering (AEEE),2012,kochi,organized by IRnet.

Invited talks

1. Basics of signal processing,at Christ knowledge city Engineering college Moovattupuzha ,27-7-12.
2. Smart antenna and neural networks,college of Engineering,Adoor,6-12-13.
3. Advanced signal processing,college of engineering ,kidangoor,3-12-13.
4. Signal processing and communication,VISAT ,Elanji
5. Mathematical aspects in smartgrid,MACE,kothamangalam,7-03-2015

Training programs attended

1. Safety in electrical distribution system,PETARC,KSEB
2. Project management ,PETARC,KSEB
3. Right to information Act,RPTI,KSEB
4. Renewable energy and grid connectivity,PETARC,KSEB
5. Advanced protection techniques,PSIT,Bangalore

Memberships

- **IEEE –student member**
- **Lifetime member of Engineers Association,KSEB**

Personal Details

- Sex:Male
- Name of Father:Xavier Francis
- Date of Birth:20-03-80
- Languages :English,Malayalam