PUBLICATIONS

FACULTY	Details of Research Papers
Prof. Abid Hussain	Abid Hussain et al "Performance Analysis of Rof Architectures For Integrated Broad Band Signals Transmission*", 3rd International Conference on Communications, Electrical, Electronics And Computer Engineering* ,Cochin (ICEEC 2015) on 24-08-2015
	Abid Hussain et al., "Medical Decision Support System Using Fuzzy Cognitive Mapping And Fuzzy Inference System", *International Research Journal on Engineering & Technology (IRJET),* Volume: 02 Issue: 03 June-2015 PP.1881-1888 E-ISSN: 2395-0056
	Abid Hussain et al., "Algorithm of STBC Identification For MIMO –OFDM Using Second-Order Signal Cyclostationarity" , *International Conference on Signals and Speech Processing (ICSSP16)* Held On 8-16 September 2016 at TKMCE, Kollam, Kerala.
Prof. Ajitha S S	Sheeba O and Ajitha S S, "Detection of Diabetic Retinopathy from Fundus Camera Images", *International Journal of Engineering Trends and Technology*, Vol 24, No.4 ; June 2015, ISSN: 2231-5381
Prof. Heera Karunakaran	Govind Nampoothiri V And Heera Karunakaran, " Symmetric 40gbps Next Generation Ofdm Wdm Pon System, "*International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.
Prof. Nishanth N	Nishanth N et al., "Secure Routing In Mobile Ad Hoc Networks Using Evidence Theory" , *International Journal of Advanced Trends In Computer Science and Engineering (IJATCSE),* Vol. 4 ,Special Issue of Iceec 2015 - held on August 24, 2015 In The Dunes, Cochin, India No.4 Pages : 22 - 27 (2015)
	Nishanth N et al., "A Novel Method For Detecting Syn Flooding Attack In Wireless Network" *International Journal Of Advanced Trends in Computer Science and Engineering (IJATCSE),* Vol. 4 ,Special Issue of ICEEC 2015 - held on August 24, 2015 in the Dunes, Cochin, India No.4 Pages : 22 - 27 (2015)
	Aparna S S and Nishanth N, "Detection Of Dos Attacks In Manet And Privacy Preserving By Clustering," *International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.
Prof. Preetha Basu	Vidyabalu And Preethabasu," Image Watermarking Based On Discrete Wavelet Transform And Folded Principal Component Analysis," ," *International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.

Dr.K.Gopakumar	Farasana F J, Dr.K.Gopakumar, "Speech Encryption Based on Four-Diamensional Hyperchaotic System", *IEEE Conference on Data Mining & Advanced Computing (Sapience)* March 2016
	Jisu Elsa Jacob, Dr.K.Gopakumar," Non-Linear Analysis of Epileptic EEG" , *IEEE Conference on Data Mining & Advanced Computing (Sapience)*, March 2016
	Suni S S, Dr.K.Gopakumar, "A Real Time Decision Support System Using Head Nod And Shake", *IEEE International Conference on Circuit, Power& Computing Technologies*, March 2016
	Farasana F J, Dr. K Gopakumar," A Novel Approach For Speech Encryption: Zaslavsky Map As Pseudo Random Number Generator", *Procedia Computer Science, Science Direct*, 93(2016) 816 – 823
	Jisu Elsa Jacob, Vijith Vijayakumar, K Gopakumar & Doris George, "Diagnosis of Epilepsy From Interictal EEGs based on Chaotic and Wavelet Transformation", *International Journal Analog Integrated Circuits and Signal Processing*
	Aswathydevi.T And Dr.K.Gopakumar, Rain Streak Removal From a Single Image Using Image Morphology," *International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.
	Lani Rachel Mathew And Gopakumar K.," Survey Of Speech Reconstruction Algorithms for Speech Impaired Persons," *International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.
	Farsana F J And Dr K Gopakumar," Speech Encryption Based On Two Dimensional Tinkerbell Maps ," *International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.
	Athira Vijay N, Geethu Elsa Sibi And Dr.Gopakumar K," A Locally Optimal Neyman-Pearson Detector Based Wide Band Spectrum Sensing Method For Ofdm Based Cognitive Radio In Weakly Correlated Non-Gaussian Noise," *International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.
	Devi V R And Dr K Gopakumar," Tracking The Chaotic Behavior Of Lorenz System Using Pid Controller," *International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.
	Soumya Babu H And Dr. Gopakumar K," Chaos: A Pseudo Random Bit Generator Using Iterated Maps", *International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.
	Ariyakrishnan And Dr. K. Gopakumar," Novel Method For Automatic Road Extraction From Satellite Images", *International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.

Prof. Sreekumari Amma P	Sreekumari Amma P et al., "Compact Uwb Mimo Antenna With Wimax And Wlan Rejection"; 2015 *IEEE MTT-S International Microwave and RF Conference (IMARC)*.Date:10-12 Dec 2015
	Sreekanthprabhakar C. M. And Sreekumariamma P," Polynomial Expansion Based Channel Estimation And Equalization For Mimo-Ofdm Systems," *International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.
	Shyama Sreekumar And Sreekumariamma. P," Sage Based Channel Estimation Algorithms For Mimo-Ofdm Systems *International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.
Dr. Sheeba .O	Dr. Sheeba .O. Et Al., Performance Analysis of Patch Antenna Using Slot Shaped Metasurface, *3rd International Conference on Communications,Electrical,Electronics & Computer Engineering (ICEEC 2015*) ,Cochin,India
	Dr. Sheeba .O. et al., Performance Analysis of Patch Antenna Using Slot Shaped Metasurface, *3rd International Conference on Communications,Electrical,Electronics & Computer Engineering (ICEEC 2015)*,Cochin,India
	Dr. Sheeba .O., Performance Analysis of Polarization Reconfigurable Antenna Using Metasurface, *3rd International Conference on Control, Communication & Computing*, November 2015
	Mahesh Jayan And Sheeba O," A Novel Multiparameter Reconfigurable Pixel Antenna," *International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.
Prof. Sajeena A	Rinas T Nazeer And Sajeena A," Object-Oriented Shadow Detection And Removal From High-Resolution Urban Rsi," *International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala.
Dr. S. Suresh Babu	Dr. S. Suresh Babu Et.Al. A Novel Syn Flood Detection Mechanism For Wireless Network*," International Journal Of Advanced Trends In Computer Science And Engineering* (IJATCSE) Vol 4, Special Issue of Iceec 2015- held on August 24, 2015 In The Dunes Cochin, India. No.4 Pages : 22-27.
Dr. Unni C	Amrutha P R And Dr. Unni C," A High Precision Adaptive Equalization Procedure For Digital Coherent Optical QPSK Receivers, "*International Conference on Signals and Speech Processing (ICSSP16)* held on 8-16 September 2016 at TKMCE, Kollam, Kerala..

Dr. T. A. Shahul Hameed	Nabeel P.S, T.E Ayoob Khan, Dr. T. A. Shahul Hameed," Design Of Low Power High Speed Flash ADC in 45nm CMOS", *International Jounal of VLSI System Design & Communication System,* Vol 03, Isssue.05, July2015, ISSN:2322-0929
	Jyothi. A, Te Ayoob Khan, Dr.Nisha Kuruvilla And Dr. Shahul Hameed T A"Impact Of Fin Shape on FIN FET Performance,"*2nd International Conference on Emerging Trends in Technology and Applied Sciences (ICETTAS'15)*, Pp 256-260, April-May 2015
	Abdul Hakeem C.K.,Te Ayoob Khan, Dr.Nisha Kuruvilla And Dr. Shahul Hameed T A "RF Parameter Extraction And Performance Analysis of Different Types of Nanowire MOSFETS,"*3rd National Conference on the Emerging Trends In VLSI, ES, OE & SP* , Pp 50-54, May 2015.
	Jyothi A, Nisha Kuruvilla, Ayoob Khan T E, Shahul Hameed T A, "Impact of FIN Shape on FIN FET Performance", *International Journal of Computer Applications (0975 – 8887) (IJCA) Proceedings on International Conference on Emerging Trends In Technology And Applied Sciences, ICETTAS 2015*(2):1-4, September 2015.
	Deepthi V K, Ayoob Khan T E, Dr. Shahul Hameed T A, " Device Variability In Nano Compound Finfets" , *International Conference On Computing, Communication and Signal Processing (ICCCSP-2016)*, Pp 397-402, July 2016.
	Ayoob Khan T E, Sona P, Dr. Sreelal S Pillai, Dr. Shahul Hameed T A, " A Statistical Method For Evaluating Rdf In 3d Mosfets And Its Simulation Using Matlab" , *International Conference On Computing, Communication and Signal Processing (ICCCSP-2016)*, PP 408-413, July 2016.
	T E Ayoob Khan, Geethu Maria Abraham, Dr. Shahul Hameed T A, " Effect of RDF in Trapezoidal Nano Finfets",*IEEE International Conference on Next Generation Intelligent Systems (ICNGIS-2016)*, September 2016.
	Sangeetha G S, T E Ayoob Khan, Dr. Shahul Hameed T A, "Sige/Si Heterojunction Tfet For Analog Signal Applications", *IEEE International Conference on Next Generation Intelligent Systems (ICNGIS-2016)*, September 2016.
	Anju C, Nisha Kuruvilla, Ayoobkhan T E And Shahul Hameed T A, "Performance Analysis of Wavy Finfet and OptimizationfFor Leakage Reduction", *IEEE International Symposium on Nanoelectronic And Information Systems (IEEE INIS)*, December 19-21,2016, Gwalior, India, Paper Accepted