

**MANJARA CHARITABLE TRUST**  
**RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI**  
 (Permanently Affiliated to University of Mumbai)  
 Department of Electronics and Telecommunication Engineering

**FACULTY PUBLICATIONS IN INTERNATIONAL CONFERENCE**

**ACADEMIC YEAR 2017-18**

<b>Sr. No</b>	<b>Title of paper</b>	<b>Name of the Author/s</b>	<b>Name of Conference</b>	<b>Date</b>	<b>Organizer</b>
1	Microstrip Geometric Variations consequences for linear parameters of microwave amplifier	<b>Kishor Sawarkar</b>	International Conference on optical and wireless technologies	2018	malaviya national Institute of technology, Jaipur
2	Transform Domain Mammogram Classification Using Optimum Wavelet Decomposition and Optimized Association Rule Mining	<b>Poonam Sonar , Uddhav Bhosale</b>	Advances in Intelligent systems and Computing (AISC),Springer Series	2017	Veer Surendra Sai University of technology (VSSUT), Govt. Of Odisha, Sambhalpur
3	Comparison and Selection of Appropriate PID controller for Nonlinear Unmanned ground vehicle	<b>Piyush Dave, Arvind Sangle, Usha Gupta, Vinita Vartak</b>	International Conference on Smart City and Emerging Technologies” ICSCET-2018	2018	Universal College of engg, Vasai, Mumbai
4	Application for Online Voting System using Android Device	<b>Pratiksha Patil</b>	International Conference on Smartcity and Emerging Technologies(ICSCET 2018)	2018	Universal College of engg, Vasai, Mumbai
5	Speech Recognition using Recurrent Neural Network	<b>Piyush Dave</b>	IEEE ICCTCT 2018 International Conference at Coimbatore, Tamilnadu	2018	SVS College of Engg., Coimbatore
6	Development of ARM based embedded controller for white line detection	<b>Prasad Soman</b>	ICASTE -2018	2018	A.P. Shah Institute of Technology, Thane
7	Simulation of Multi-bit voltage level generator using voltage controlled memristor model	<b>Prasad Soman</b>	ICASTE -2018	2018	A.P. Shah Institute of Technology, Thane

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**ACADEMIC YEAR 2016-17**

<b>Sr. No</b>	<b>Title of paper</b>	<b>Name of the Author/s</b>	<b>Name of Conference</b>	<b>Date</b>	<b>Organizer</b>
<b>1</b>	Bit Error Probability Analysis of MIMO Multicarrier Spread Spectrum for different channels and Modulations	<b>Sanjay Deshmukh Udhav Bhosale</b>	IEEE WiSPNET 2017	2017	SSN College of Engg.
<b>2</b>	Analysis of OFDM MIMO with BPSK Modulation and different Antenna Configuration using Alamouti STBC	<b>Sanjay Deshmukh Udhav Bhosale</b>	International Conference on Optical and Wireless Technologies (OWT-2017)	2017	Malaviya national Institute of technology, Jaipur
<b>3</b>	Mammography Classification using modified Hybrid SVM_KNN	<b>Poonam Sonar UdhavBhosle Chandrajit Choudhury</b>	IEEE International Conference on Signal Processing and Communication (ICSPC'17)	2017	Karunya University, coimbatore
<b>4</b>	SURF Features based for Mammogram Classification	<b>Jyoti Deshmukh, Udhav Bhosle</b>	International Conference on Wireless Communications, Signal Processing and Networking	<b>2017</b>	SSN College of Engg.
<b>5</b>	Outage Performance Analysis of Pulse-shaped Multicarrier waveform for 5G in frequency-selective fading environments	<b>Sanjay Deshmukh</b>	IEEE International Conference on Trends in Electronics, Information & Communicato technology	2017	Sri Venkatewara College of engg.
<b>6</b>	A Novel de Bruijn Sequence Based Spreading for Enhancing Downlink Outage Performance of MIMO MC-CDMA	<b>Sanjay Deshmukh</b>	2nd International Conference for Convergence in Technology I2CT	2017	Sahyadri Valley college of engg and technology
<b>7</b>	Classification of Brain MRI using SVM and KNN classifier	<b>Poonam Sonar</b>	IEEE International Conference on Sensing, Signal Processing and security	<b>2017</b>	St. Peter's College of Engg and Tech., Madras
<b>8</b>	Classification Of MRI Brain Tumor and Mammogram Images Using Learning Vector Quantization Neural	<b>,Poonam sonar Surendra Sutar</b>	International Conference on Sensing, Signal Processing and security (ICSSS	2017	St. Peter's College of Engg and Tech., Madras

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	Network		2017)		
<b>9</b>	Classification and Segmentation of Brain Tumor Using Adaboost Classifier	<b>Poonam Sonar</b>	International Conference on Global Trends in Signal Processing, Information Computing and Communication (ICSPICC 2016)	<b>2016</b>	Shram Sadhna Bombay Trust's College of Engg. And Tech.
<b>10</b>	MEMS Accelerometer based gesture recognition for system security and remote user notification	<b>Jayant Mahajan Sakha K. Gabhane</b>	International Conference on Innovative and Advanced Technologies in engineering	2017	Atharva College of Engg.,Malad,Mumbai
<b>11</b>	Hand Motion Recognition and medicine reminder for disabled people using IOT	<b>S.K. Gabhane</b>	National Conference on Current Trends in engg , Science and Technology, Management, NACCTESTM	2017	Godavari College of Engg, jalgaon
<b>12</b>	MEMS Accelerometer Based Gesture Recognition For System Security and Remote System notification	<b>Jayant Mahajan Sakha K. Gabhane</b>	International Conference on Innovative and Advanced Technologies in engineering	2017	Atharva College of Engg.,Malad,Mumbai
<b>13</b>	Object Detection and Tracking using Congnitive Approach”	<b>Mahajan.J.R</b>	ISTE Sponsored International Conference on Advance Trends in Engineering (ICATE - 2017)	2017	Datta Meghe colle og Engg., Airoli
<b>14</b>	Design and Analysis of Metamaterial Lens Incorporated Ultra Wide Band (UWB) Antenna	<b>Piyush Dave</b>	IEEE International Conference on Aerospace	2017	Big Sky, MT, USA
<b>15</b>	SIFT with Associative Classifier for Mammogram Classification	<b>Jyoti Deshmukh, Udhav Bhosle</b>	proceedings of IEEE International Conference on Signal and Information Processing	2016	Sri Guru Gobing Singhji Institute of Engg. And Technology, Vishnupuri,Nanded
<b>16</b>	Mammogram Classification with Optimized Association rules using Multi Objective Genetic Algorithm with Adaptive Mutation and Crossover	<b>Poonam Sonar Udhav Bhosle,</b>	International conference on Communication, Commutating and Signal Processing Kollam, Kerala	<b>2016</b>	College of Engg Karunagappally

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**ACADEMIC YEAR 2015-16**

<b>Sr . No</b>	<b>Title of paper</b>	<b>Name of the Author/s</b>	<b>Name of Conference</b>	<b>Date</b>	<b>Organizer</b>
1	Performance Analysis of Orthogonal Frequency Division Multiplexing for different modulation methods	<b>Sanjay Deshmukh Udhav Bhosle</b>	International Conference on Computational Modeling and Security (CMS 2016)	2016	R. L. Jalappa Institute of Technology
2	Performance Analysis of Spread Spectrum System over Fading Channel Models	<b>Sanjay Deshmukh Udhav Bhosle</b>	International Conference on Communication and Signal Processing (ICCSP)	2016	Melmaruvathur, India
3	Performance Evaluation of Spread Spectrum System Using Different Modulation Schemes	<b>Sanjay Deshmukh Udhav Bhosle</b>	International Conference on Computational Modelling and Security (CMS 2016), Procedia Computer Science -Elsevier	2016	R. L. Jalappa Institute of Technology
4	Performance Analysis of Orthogonal Frequency Division Multiplexing (OFDM) For Different Modulation Method	<b>Sanjay Deshmukh Udhav Bhosle</b>	International Conference on Computing, Communication and Signal Processing ( ICCSP-2016)Kollam, Kerala	2016	College of Engg Karunagappally
5	Optimization of Association rules using objective function for mammography image classification	<b>Poonam Sonar Udhav Bhosle</b>	IEEE International Conference on Communication and Signal Processing, Chennai (ICCSP2016)	2016	Adhiparasakthi Engineering College, Melmaruvathur,
6	Optimized Association	<b>Poonam Sonar Udhav Bhosle</b>	International Conference on "Computing for	2016	Bharati Vidyapeeth, New Delhi

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	Rules for MRI Brain Tumor Classification		Sustainable Global Development		
7	A Study on Face Detection and Tracking System	<b>Mahajan J.R</b>	National Conference on Technological Advancement and Automatization in Engineering	2016	Atharva College of Engg.,Malad,Mumbai
8	A Study on Facial Expression Recognition	<b>Mahajan J.R</b>	National Conference on Technological Advancement and Automatization in Engineering	2016	Atharva College of Engg.,Malad,Mumbai
9	A Research Paper on Upgraded Black Box For Automobiles	<b>Jayant Mahajan</b>	International Conference on Futuristic Trends in Engineering,Science,Humanities and Technology	2016	IPS College of Technology & Management Gwalior, Madhya Pradesh (India)
10	Facial Expression Recognition” in Inter ISf annual technical event	<b>Mahajan J.R</b>	OSCILLATIONS	2016	RGIT,Mumbai
11	A Novel window Function Approach for Voltage Controlled Memristor Models	<b>Prasad Soman</b>	IEEE Bombay Section Symposium (IBSS)	2015	Usha Mittal Institute Of Technology,SNDDT University,Mumbai
12	Modeling and Control of Nonlinear Unmanned Ground All Terrain Vehicle	<b>Piyush Dave</b>	proc of IEEE International Conference on Trends in Automation, Communication and Computing Technologies ITACT	2015	Acharya Institutes
13	A Comparative Study of PID and SMC Controller for Nonlinear Unmanned Ground All Terrain Vehicle	<b>Piyush Dave</b>	proc of IEEE International Conference on Trends in Automation, Communication and Computing Technologies ITACT	2015	Acharya Institutes

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14	Sliding Mode Control of Nonlinear Unmanned Ground All Terrain Vehicle	<b>Piyush Dave</b>	proc of IEEE International Conference on Trends in Automation, Communication and Computing Technologies ITACT	2015	Acharya Institutes
15	Coded Sub Band Replacement DWT Based Space Image Compression	<b>Prof. Piyush Dave</b>	proc of IEEE International Conference on Aerospace	2016	Big Sky, MT, USA
16	Reducing power consumption in smart device by proper management of wakelock	<b>Pratiksha Patil</b>	IEEE International Advance Computing Conference (IACC)	2015	B.M.S. College of Engineering

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**ACADEMIC YEAR 2014-15**

<b>Sr. No</b>	<b>Title of paper</b>	<b>Name of the Author/s</b>	<b>Name of Conference</b>	<b>Date</b>	<b>Organizer</b>
1	The Frequency , Time Design Analysis of Noise Figure Optimisation of a Wide Band PHEMT Hybrid LNA with Flat Gain for WiMax Application	<b>K. G Sawarkar, K.B. PramodK Tuckley,</b>	International Conference on Communication Technology ICCT	2015	Sardar Patel Institute of Technology
2	Investigation of suitable DSP architecture for efficient FPGA implementation of FIR filter	<b>M. Kadam, K.G. Sawarkar, S. Mande,</b>	International Conference on Communication, Information & Computing Technology (ICCICT), 2015	2015	Sardar Patel Institute of Technology
3	Detecting Packet Dropping in the presence of attack in wireless Ad-hoc Network	<b>Madhura Mokashi</b>	International conference on Engineering Technologies and Science	2015	Sardar Patel Institute of Technology
4	Modeling and Controlling of Unmanned Vehicle	<b>Piyush Dave, B.E. Kushare</b>	International Conference on Multidisciplinary Research & Practice, ICMRP 2014	2015	Ahmedabad Management Association, ATIRA Campus, IIM-A Road, Ahmedabad,
5	Comparative Study of Communication Technologies for Power Optimized Automation Systems: A Review and Implementation	<b>Piyush Dave</b>	IEEE Fifth International Conference on Communication Systems and Network Technologies	2015	MIR Labs and SRC EM Gwalior, India
6	The Frequency , Time Design Analysis of Noise Figure Optimisation of a Wide Band PHEMT Hybrid LNA with Flat Gain for WiMax Application	<b>K. G Sawarkar, K.B. PramodK Tuckley</b>	International Conference on Communication Technology ICCT	2015	Sardar Patel Institute of Technology
7	Investigation of suitable DSP architecture for efficient FPGA implementation of FIR filter	<b>M. Kadam, K.G. Sawarkar,</b>	International Conference on Communication, Information & Computing Technology (ICCICT), 2015	2015	Sardar Patel Institute of Technology

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**ACADEMIC YEAR 2013-14**

<b>Sr. No</b>	<b>Title of paper</b>	<b>Name of the Author/s</b>	<b>Name of Conference</b>	<b>Date</b>	<b>Organizer</b>
<b>1</b>	A novel design of Narrowband Band pass filters on PTFE laminate using Radial stub	<b>Pramod K.B.</b>	International Conference on Informatics, Electronics & Vision (ICIEV), 2013	2013	Dept. of Applied Physics, Electronic & Comm. Engn., Dhaka University
<b>2</b>	The Design and Simulation of 0.5dB Noise-Figure RF Narrowband LNA	<b>Pramod K.B.</b>	International Conference on VLSI, Communication, Advanced devices, Signals & Systems and Networking	2013	B.N.M. Institute of Technology, Bangalore,
<b>3</b>	The design and simulation of radio frequency narrow band low noise amplifier with input, output, intermediate matching	<b>Pramod K.B.</b>	International Conference on Informatics, Electronics & Vision (ICIEV), 2013	2013	Dept. of Applied Physics, Electronic & Comm. Engn., Dhaka University
<b>4</b>	Pilot Symbol Based Power Delay Profile Estimation For MIMO OFDM	<b>Manisha K. Ahirrao</b>	8 <sup>th</sup> IRF International Conference	2014	Sardar Patel Institute of Technology
<b>5</b>	Broadband Reconfigurable Stacked Microstrip Patch Antenna at X-band	<b>Ankita Ananjan Basu</b>	Internal Symposium on Antennas and Propagation	2014	Kaohsiung, Taiwan