

Army Institute of Technology
Department of Electronics & Telecommunication Engineering
Faculty Publications

YEAR: 2017-18

S. No	Name Of The Staff	Title Of Paper	Year/Date, Name of the journal Volume & Page No	National/ International Conference	Organizer
1.	Dr. B P Patil	Dual Reinforcement Q Routing for Ad Hoc Networks	Sept 2017 Vol 7 No. 3, 786-794. ISBN/ ISSN No : 2502-4760	International Journal	Indonesian Journal of Electrical Engineering and Computer Science (IJEECS).
2.	Dr. B P Patil	Routing Protocols for Mobile Ad Hoc Network: A Survey and Analysis	Sept 17 Vol 7 No. 3, 795-801. ISBN/ISSN No : 2502-4760	International Journal	Indonesian Journal of Electrical Engineering and Computer Science.
3.	Dr. B P Patil	Learning Based Route Management in Mobile Ad Hoc Networks	Sept 17 7(3), 718-723. ISBN/ ISSN No : 2502-4760	International Journal	Indonesian Journal of Electrical Engineering and Computer Science
4.	Dr. B P Patil	Maximizing Throughput using Adaptive Routing Based on Reinforcement Learning	Sep 2017 Vol 9 Issue 2, Pg 3391-3395	International Journal	International Journal of Advanced Networking and Applications
5.	Dr. B P Patil	Flexible and Scalable Routing Approach for Mobile Ad Hoc Networks Based on Reinforcement Learning	June -2017 Volume: 04 Issue: 06 ISSN No : 2395-0056 ISSN No : 2395-0072	International Journal	International Research Journal of Engineering and Technology
6.	Dr. B P Patil Dr. Surekha KS	Hybrid Compression Technique Using Linear Predictive Coding for Electrocardiogram Signals	June 2017 ISSN 2394 – 3386 Vol 4, Issue 6	International Journal	International Journal of Engineering Technology Science and Research
7.	Dr. B P Patil	Tree based distributed clustering routing scheme for energy efficiency in wireless sensor networks	Sept 2017 Microsystem Technologies Volume 23, Issue 6	International Conference	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI-2017)
8.	Dr. B P Patil	Adaptive routing based on predictive reinforcement learning	Nov 2017 Vol 40, Issue 2	International Journal	International Journal of Computers and Applications
9.	Dr. B P Patil Mrs. Surekha KS	ECG Signal Compression using Parallel and Cascade Method for QRS Complex	Jan 2018 Vol 11, Issue 1	International Journal	Indian Journal of Science and Technology
10.	Dr. G. R. Patil	A Joint Channel Estimation & Data Detection for a MIMO Wireless Communication System Via Sphere Decoding	Aug 2017 JIPS Vol 13 No.4 PP 1029-1042	International Journal	Journal of Information Processing Systems JIPS
11.	Dr. Surekha KS	Real Time DSP Based ECG Acquisition & transmission Using CUDA Based Compression	Nov 2017	Regional Conference	Regional Conference Innovation 2017
12.	Dr. P B Karandikar	Insulation Assessment of Oil Impregnated Paper Condenser Bushing Using Dielectric Frequency Response Technique	June 2017 IJST Volume 10(21) ISSN0974-6846	National Journal	National Journal
13.	Dr. P B Karandikar	Flexible Supercapacitors: A Review	Oct 2017	National Conference	National Conference
14.	Dr. P B Karandikar	Study of PVDF Based Electrode Structure in Supercapacitors	20& 21 Feb 2018	International Conference	ICERTES 2017

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15.	Dr. P B Karandikar	Comparative Study of horizontal and Vertical Electrode Structure in Supercapacitors	8 th & 9 th May 2018432	International Conference	International Conference ICETSET 2018 DYPCOE
16.	Dr. P B Karandikar	Challenges in Transition from Internal Combustion Vehicles to Electric Vehicles in India 2030	August 2017 978-1-5386-1887-5/17	International Conference	International Conference ICECDS 2017
17.	Dr. P B Karandikar	Analysis of Energy Stored in Supercapacitors Through Regenerative Braking	August 2016	National Conference	National Conference on Power system Engg. Dharwad
18.	Dr. P B Karandikar	Effect of Inclined Ball Milling on Capacitance of Supercapacitors	Feb 2018 Pg. 1108-1112	International Conference	2 nd International Conference on Inventive Systems and Control (ICISC)
19.	Dr. P B Karandikar	Effect of Inclined Ball Milling on various parameters of Supercapacitors	Jan 2018	International Conference	ICPICC 2018
20.	Dr. P B Karandikar	Supercapacitor Based Energy Recovery System for an Elevator”, IEEE ICAC3, Mumbai.	1 st and 2nd December 2017, Pg:1-5	International Conference	Advances in Computing, Communication and Control (ICAC3), 2017
21.	Dr. P B Karandikar	Review of Technology for Making Electric Vehicles as Main Mode of Transport	8th and 9th Febraury 2018, Pg 142-148	International Conference	IEEE-ICACCT Conference, Sangamner
22.	Dr. P B Karandikar	An Experimental Study of Indian Fauna as a Precursor to Activated Carbon used as Supercapacitors Electrode	26 th and 27 th April 2018	National Conference	National Conference on Pitch and pitch based carbon material. NPL, Delhi
23.	Dr. P B Karandikar	Innovative methods of ball milling to grind activated carbon as an electrode material for enhancing the performance of ultracapacitor	August 2018 Pg. 2034-2041	International Conference	International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS)
24.	Dr. P B Karandikar	Supercapacitors: Challenges Ahead	Nov 2017	National Magazine	Electrical India Magazine
25.	Dr. P B Karandikar	Infrastructure and resources for transition to EVs as main mode of transportation	21/9/2017 811-816	International Conference	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI)
26.	Dr. P B Karandikar	Effect of Ball Milling parameter variation on performance of super capacitor	19th & 20th Jan 2018, Pg. 944-949	International Conference	2nd International Conference on Inventive Systems and Control (ICISC)
27.	Dr. P B Karandikar	Review of Technologies for Making Electric Vehicles as Main Mode of Transport	8-9 Feb. 2018 (ICACCT) Pg. 142-148	International Conference	International Conference On Advances in Communication and Computing Technology
28.	Dr. P B Karandikar	Comparative study of differently aligned material bases untracapacitors	Oct 2017	International Journal	IJET 2018
29.	Mr. JB Jawale	Multimodal Biometric Security System for Solar	17-18th Aug 2017	National Conference	PCCOE Pune

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	Mr. K. Vijay Kumar	Panel Cleaning Bot using Human Identification			
30.	Mr. JB Jawale	Android Based Multilevel Biometric Security System For Industrial Application	17-18th Aug 2017	National Conference	PCCOE Pune
31.	Mr. K. Vijay Kumar	Cost Effective Solution for Solar Panel Cleaning System	Jan 2017	Regional Conference	Innovation 2017 JSPM COE
32.	Ms. S. Wadar Mr. Avinash Patil	Equation of Straight Line Passing Through Two Given Points On Reconfigurable Hardware Logic	28 th & 29 th Jan 2018	IEEE International Conference on EECCMC	Priyadarshini COE, TN
33.	Ms. S D Oza	CUDA Based Fast Bilateral Filter for Medical Imaging.	22-23 Feb 2018	International Conf.	IC SPIN 2018
34.	Ms. S D Oza	GPU Based Denoising Filter for Knee MRI	16-17 May 2018	International Conf.	ISMAL-IOT, Social, Mobile, Analytics & Cloud
35.	Ms. S D Oza	MRI Denoising for Healthcare	65-85 IGI Global USA	Biomedical Signal and Image Processing in Patient Care	International Book
36.	Mrs. Renuka Bhandari	Insight on Blind Channel Estimation of MIMO-OSTBC Using Higher Order Statistics with Kalman Filter (HOS-KF)	March 2018 Volume 8 Issue 4 Pages 3431-3437	International Journal	HELIX
37.	Ms. R. Suryawanshi	Uncoded 8X8 MIMO Systems with ZF and V-Blast with ZF Detection	18th June 2017 IJECS ISSN 2348-117X	International Conf.	ICAEASM-2017
38.	Dr. Harjeet Kaur	Lane Order Maintenance System	11-12 May 2018	International Conference	ICOEI2018
39.	Dr. Harjeet Kaur	Navigation System using Light Fidelity	11-12 May 2018	International Conference	ICOEI2018