

**BHARATI VIDYAPEETH DEEMED UNIVERSITY
COLLEGE OF ENGINEERING, PUNE
DEPARTMENT OF E&T C ENGINEERING**

Summary of Faculty Research Publication (2013-14 to 2016-17)

Sr. No.	Academic Year	No. of Research Papers Published in				Total	No. of Research Papers listed in standard databases			Citations
		Journal		Conference			Scopus	Web of Science	Google Scholar	
		IJ	NJ	IC	NC					
1.	2016-17	19	0	0	0	19	01	00	12	00
2.	2015-16	13	0	0	0	13	00	00	04	02
3.	2014-15	13	0	8	0	21	00	00	04	07
4.	2013-14	11	0	1	0	12	01	00	03	00
Total		56	00	09	00	65	02	00	23	09

Academic Year 2016-17**International Journal**

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
1.	Dr.ShrutiOza-Rahurkar	Design and Simulation of Power Efficient Linear MOS Trans conductor	Indian Journal of Science and Technology	Vol.9 Issue40	Pp: 1-7	Oct2016	0974-5645	3.8	Y	N	Y	0
2.	Prof. Deepak Ray	Bluetooth -A historical perspective to the modern development	International Journal for Technological Research in Engineering	Vol3, Issue 8	Pp: 1627-1629	April-2016	2347 - 4718	4.62	N	N	Y	0
3.	Prof. Deepak Ray	Reconfigurable Antenna Using FPGA And Neural Network	International Journal for Technological Research in Engineering	Vol3, Issue 8	Pp: 1788-1791	April-2016	2347 - 4718	4.62	N	N	Y	0
4.	Prof. Deepak Ray	Cognitive Radio-The New Paradigm in the History of Wireless Communication	International Research Journal of Engineering and Technology	Vol: 03 Issue: 04	Pp:2295-2299	Apr-2016	2395-0072	4.45	N	N	Y	0

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
5	Prof. Deepak Ray	Power Factor Improvement by Engaging Appropriate No. of Shunt Capacitor	The International Journal of Science & Techno ledge	Vol 4 Issue 5	Pp: 12-17	May 2016	2321 – 919X	1.002	N	N	Y	0
6	Prof. Deepak Ray	Simulation and Analysis of 10 GBPS Optical Communication System Using Different Pulses	International Journal of Innovative Research in Computer and Communication Engineering	Vol. 4, Issue 5	Pp.8494-8504	May 2016	2320-9798	6.577	N	N	Y	0
7	Prof. Deepak Ray	Face Detection: Survey	International Journal of Science and Research	Vol.6 Issue 3	Pp: 1831-1834	March 2017	2319-7064	6.391	N	N	Y	0
8	Prof. A Prabhakar	GSM Based Agriculture Monitoring System	(IRJET)	Vol. 04 Issue 03	Pp: 10-14	Mar17	2395-0056	5.181	N	N	N	0

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
9	Dr.ShrutiOza-Rahurkar	Design and Implementation Of 3D FFT	International Journal of Scientific & Engineering Research	Vol.8 Issue 4	Pp: 186-189	April2017	2229-5518	3.8	N	N	Y	0
10	Prof. AmrutaPatil	Soil Moisture and Sunlight Monitoring-Controlling Using Raspberry Pi for Greenhouse	International Journal of Innovative Trends in Engineering (IJITE)	Vol.27 Issue 43	Pp: 46-49	April2017	2395-2946	4.747	N	N	N	0
11	Prof. Deepak Ray	Algorithms for Spectrum Sensing on Cognitive Radio: Survey	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Vol. 6 Issue 4	Pp: 2679 - 2683	April2017	2278-8875	5.181	N	N	Y	0
12	Prof. S.S.Belsare	FPGA Implementation of Recon-figural Processor for IP	International Journal of Scientific & Engg.	Vol.8 Issue 4	Pp: 324-330	Apr17	2229-5518	4.2	N	N	N	0

			Research									
Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
13	Prof. Deepak Ray	Facial Expression Recognition	International Research Journal of Engineering and Technology	Vol. 04 Issue 05	Pp: 1327-1330	May 2017	2395-0056	5.181	N	N	Y	0
14	Prof. Sonali Dash	An Efficient Radar Transmission System Using RF PHOTONICS	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Vol. 6 Issue 5	Pp: 3272-3277	May 2017	2278-8875	5.181	N	N	N	0
15	Prof. Sudhir A. Kadam	Vehicle Controlled by Hand Gesture	International Research Journal of Engineering and Technology	Vol.04 Issue 05	Pp: 1760-1766	May 2017	2395-0056	5.181	N	N	N	0

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
16	Prof. Deepak Ray	Spectrum Sensing Using Energy Detection Algorithm for Cognitive Radio	International Research Journal of Engineering and Technology	Vol.04 Issue05	Pp: 2866-2868	May 2017	2395-0056	5.181	N	N	Y	0
17	Dr. ShrutuOzaRahurkar, Prof. SwapnilThorat	Implementation of UWB Micro-Strip Antenna with Circular Patch and Wings for Wearable App.	International Journal for Advanced Research in Applied Sciences	Vol.4 Issue 1	Pp: 410-415	June2017	2394-8442	5.127	N	N	Y	0
18	Prof. SudhirBussa	Analysis of TDM PON Using Different Data Rates and Longer Reach	IJECT	Vol. 8 Issue 2	Pp: 32-36	June 2017	2230-7109	5.09	N	N	N	0

19	Prof. Chetan More	Home Auto- mation& SecuritySystem	IJSRD	Vol.4 Issue 12	Pp: 951- 954	June 2017	2321- 0613	4.36	N	N	N	0
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Academic Year 2015-16**International Journal**

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
1	Prof. Deepak Ray	Review of Fuzzy Logic and Neural Network	IJETRInternational Journal of Engineering & Technical Research	Vol.3 Issue7	Pp: 205-206	July 2015	2321-0869	2.19	N	N	Y	0
2	Prof. V.H. Patil,	Smart Fuel Theft Detection Using Microcontroller Arm7	IJERT	Vol. 4 Issue 09	Pp: 122-126	Sept 2015	2278-0181,	2.97	N	N	N	0
3	Prof.R.M.Khaire	Hardware Based Braille Note Taker	IJSETR	Vol.4 Issue 11	Pp: 3957-3959	Nov2015	2278-7798	2.19	N	N	Y	2
4	Prof. SudhirKadam	Android Based Wireless Notice Board and Printer	JIRCCE	Vol.3 Issue 12	Pp: 8484-18487	Dec2015	2320-9801	6.557	N	N	N	0
5	Mr.Prof. R.M.Khaire	Computer Aided Design of Broadband Modified Circular Microstrip Patch Antenna.	International Research Journal of Engineering And Technology	Vol. 03 Issue 01	Pp: 122-129	Jan2016	2395-0056	5.181	N	N	Y	0

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
6	Mrs. A.B. Patil	Automated Railway Track Crossing and Monitoring System Using ATMEGA 16 Microcontroller	International Journal of Enhanced Research in Science, Technology & Engineering	Vol. 5 Issue 3	Pp: 151- 155	March 2016	2319- 7463	1.252	N	N	N	0
7	Prof. SudhirBussa	Design of Binary Multiplier Using Adders	International Journal of Electrical and Electronics Research	Vol. 4 Issue 1	Pp: 169- 173	March 2016	2348- 6988	4.294	N	N	N	0
8	Prof.Brig.R.M. Khaire	A VLSI Hardware Architecture Implementation of Security System Using Encryption Algorithm	International Journal of Scientific & Engineering Research	Vol. 7 Issue 5	Pp: 444- 449	May 2016	2229- 5518	3.8	N	N	N	0

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
9	Prof. S.S.Belsare	An Efficient Implementation of Video Steganography on FPGA Using DWT and LSB Algorithm	International Journal of Scientific & Engineering Research	Vol.7 Issue 5	Pp: 451-453	May2016	2229-5518	3.8	N	N	Y	0
10	Prof. S.S.Belsare	New Multilevel Topology for Harmonic Reduction	International Journal of Electronics Communication and Computer Engineering	Vol.7 Issue 3	Pp: 172-175	June 2016	2249-071x	3.12	N	N	N	0
11	Prof. N. T. Markad	Design and Analysis of Wideband High Gain E Shaped Slot Patch Antenna for WIFI &WiMAX Applications	International Journal of Advances in Wireless and Mobile Communications	Vol.9 Issue 1	Pp: 9-16	June 2016	0973-6972		N	N	N	0

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
12	Prof. N.T Markad	High Gain Circular Polarized Patch Antenna Using Gap Coupled Parasitic Patch Configuration for Wireless Applications	International Journal of Advances in Wireless and Mobile Communications	Vol. 9 Issue I	Pp: 17-24	Nov2016	0973-6972		N	N	N	0
13	Prof. ManaseePatil	Remote Monitoring System Using Raspberry-Pi	International Journal of Innovative Research in Computer And Communication Engineering	Vol. 4 Issue 6	Pp: 11164-11168	June 2016	2320-9801	6.557	N	N	N	0

Academic Year 2014-15**International Journal**

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
1	Prof. P. D. Kadam, Prof. R.M.Khaire	Detection & Prevention of DDOS And Flooding Attacks In Ad Hoc Network	International Journal of Science and Research (IJSR)	Vol 3 Issue 11	Pp: 2878 - 2880	Nov2014	2319-7064	3.358	N	N	N	0
2	Prof. S.S.Belsare	Design and Implementation of Automatic Irrigation System Using Arm7	IJEEDC	Vol 1, Issue1	Pp: 51- 53	Apr 2015	2320-2084	3.46	N	N	N	0
3	Prof. Deepak Ray	Home Automation with Spy Robot and Security System	(JRREEE)	Vol.2 Issue 2	Pp: 119- 123	Apr 2015	2349-7815	2.19	N	N	Y	0
4	Prof..R.M.Khaire	Implementation of Parallel CRC Generation for High Speed Application	IJEEDC	Vol.1 Issue1	Pp: 128- 130	April2015	2320-2084	3.46	N	N	N	0

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
5	Dr.ShrutiOza-Rahurkar	Novel High-Speed Vedic Multiplier Using Compressors and Pipelining	IJEEDC	Spl. Issue1	Pp: 110-113	Apr 2015	2320-2084	3.46	N	N	Y	0
6	Dr.ShrutiOza-Rahurkar	Reducing Power Consumption in DRAM Using Partial Access Method	IJEEDC	Spl. Issue1	Pp: 78-81	April2015	2320-2084,	3.46	N	N	Y	0
7	Prof. S.S.Belsare	Use of Robotics Technology for Seed Sowing in Agriculture	IJEEDC	Vol.1 Issue1	Pp: 54-56	Apr 2015	2320-2084	3.46	N	N	N	0
8	Dr.ShrutiOza-Rahurkar	Reducing Power Consumption in Dram Using Partial AccessMethod	International Journal of Scientific Research and Education	Vol.3 Issue6	Pp: 3521 - 3528	June2015	2321-754,	5.169	N	N	N	0

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
9	Prof. Deepak Ray	Smart Phone Based Security System Using ARM Cortex M-3	International Journal of Electrical and Electronics Research	Vol. 3 Issue 2	Pp: 430- 431	June 2015	---	---	N	N	N	0
10	Prof.R.M.Khaire	Wireless Sensor Network for Real Time Monitoring and Detection of Water Contamination	International Journal of Scientific Research and Management	Vol.3 Issue 6	Pp: 3031 - 3035	Jun 2015	2321- 3418	3.99	N	N	Y	0
11	Dr.ShrutiOza-Rahurkar	FPGA Implementation of Novel High-Speed Vedic Multiplier	International Journal of Advanced Research in Electrical, Electronics & Instrumentation Engg.	Vol.4 Issue 6	Pp: 5571 - 5577	Jun 2015	2278 - 8875	5.621	N	N	N	0
12	Prof. V.H. Patil,	Radar Based Missile Navigation	IJISME	Vol.2 Issue 11	Pp: 22- 25	Oct 2014	2319- 6386	3.86	N	N	N	0

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
13	Prof. V.H. Patil,	The Global Toll Booth System	International Journal of Engg& Advanced Technology	Vol.4 Issue 1	---	Oct 2014	2249-8958	1.121	N	N	N	0

Academic Year 2013-14**International Journal**

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
1	Prof. ManaseePatil,	Design &Implementation of Home/Office Automation System Based on Wireless Technologies	International Journal of Computer Applications	Vol.79 Issue 6	Pp: 19-22	Oct 2013	13745-1504	0.8	N	N	Y	7
2	Prof. P D Kadam	Humanoid Robot	International Journal of Engineering and Research Technology	Vol.2, Issue11,	Pp: 540-543	Nov 2013	2278-0181	1.76	N	N	N	0
3	Prof. R M Khaire, Prof A. B. Patil	Establishment of Valuation Metric and QualityAnalysis of EnamelCoating Thickness&Thermal Resistivity of Copper Wire Using Arm& Processor	International Journal of Application of Innovation in Engineering & Management	Vol.3 Issue1	Pp: 10-14	Jan 2014	2319-4847	3.115	N	N	N	0
Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue	Page Nos.	Month and Year of	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations

				Number		Publication			Scopus	Web of Science	Google Scholar	
4	Prof. Ss. Belsare	Study of A Cordic Based Radix-4 FET Processor	International Journal of Electrical, Electronics and Data Communication	Vol. 2, Issue 3	Pp: 117-121	Mar2014	2320-2084	3.46	N	N	N	0
5	Dr.ShrutiOza-Rahurkar	Flash Memory Controller	International Journal of Electrical Electronics & Data Communication	Vol.2, Issue 3	Pp: 8-10	Mar2014	2320-2084	3.46	N	N	Y	0
5	Dr.ShrutiOza-Rahurkar	FINFET Based SRAM Design for Low Power Applications	International Journal of Electrical Electronics & Data Communication	Vol.2 Issue 3	Pp: 95-100	Mar2014	2320-2084	3.46	N	N	N	0
6	Prof. A. Prabhakar	Microwave Antenna in Defense for Electronic Warfare App.	International Journal of Electrical Electronics & Data Comm.	Vol.2, Issue 3	Pp: 112-116	Mar2014	2320-2084	3.46	N	N	N	0
Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue	Page Nos.	Month and Year of	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations

				Number		Publication			Scopus	Web of Science	Google Scholar	
7	Prof. N T Markad	A Model of Moving Vehicle Coordinating System	International Journal of Electrical Electronics & Data Comm.	Vol.2 Issue 3	Pp: 4-7	Mar2014	2320-2084	3.46	N	N	N	0
8	Prof. N T Markad	Computer Aided Design of Circular Microstrip Patch Antenna Array	International Journal of Electrical Electronics & Data Comm.	Vol.2 Issue 3	Pp: 52-55	Mar2014	2320-2084	3.46	N	N	N	0
9	Prof A. B. Patil	GPS Based Friend Tracker& Online/Offline Smart Reminder for Android Systems	International Journal of Electrical Electronics & Data Comm.	Vol.2 Issue 3	Pp: 86-88	Mar2014	2320-2084	3.46	N	N	N	0
10	Prof A. B. Patil	Radio Freq. Identification Based Wireless Attendance System	International Journal of Electrical Electronics & Data Comm.	Vol. 2 Issue 3	Pp: 92-94	Mar2014	2320-2084	3.46	N	N	N	0
Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	

11	Dr.ShrutiOza-Rahurkar	Implementation of An Efficient 64 Point FFT/IFFT Block for OFDM Transceiver of IEEE 802.11A	International Journal of Application or Innovation in Engineering and Management	Vol. 3Issue-5	Pp: 315-320	May 2014	2319-4847	3.115	N	N	Y	0
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***** No papers for national journal from 2013-2017**

International Conference**Academic Year 2014-15**

Sr. No.	Author (s)	Complete Title of the Article	Title of the Conference	Date	Location	Listed in Standard Databases (Y/N)			Citations
						Scopus	Web of Science	Google Scholar	
1	Prof . R.M. Khaire	Wireless Sensor Network for Real Time Monitoring & Detection of Water Contamination	(ETECE) International Conf. On Emerging Trends in E&TcEngg.	2- Apr2015	BVUCOE PUNE	N	N	Y	0
2	Prof . R.M. Khaire	Implementation of Parallel CRCGeneration for High Speed App.	(ETECE)	2- Apr2015	BVUCOE PUNE	N	N	N	0
3	Prof . S.S. Belasare	Design and Implementation of Automatic Irrigation System Using Arm 7	(ETECE)	2- Apr2015	BVUCOE PUNE	N	N	N	0
4	Prof . S.S. Belasare	Use of Robotics Technology for Speed Sowing in Agriculture	(ETECE)	2- Apr2015	BVUCOE PUNE	N	N	N	0
5	Dr. ShrutiOza	Reducing Power Consumption in DRAM Using Partial Access Method	(ETECE)	2- Apr2015	BVUCOE PUNE	N	N	N	0

Sr. No.	Author (s)	Complete Title of the Article	Title of the Conference	Date	Location	Listed in Standard Databases (Y/N)			Citations
						Scopus	Web of Science	Google Scholar	
6	Dr. ShrutiOza	Novel High-Speed Vedic Multiplier Using Compressors and Pipelining	(ETECE)	2-Apr2015	BVUCOE PUNE	N	N	N	0
7	Prof. A.Y.Prabhakar	Microwave Antennas In Defense for Electronic Warfare Application	(ETECE)	2-Apr2015	BVUCOE PUNE	N	N	N	0
8	A.B.Patil,	GPS Based Friend Tracker And Online/Offline Smart Reminder For Android System	(ETECE)	2-Apr2015	BVUCOE PUNE	N	N	N	0

International Conference									
Academic Year 2013-14									
Sr. No.	Author (s)	Complete Title of the Article	Title of the Conference	Date	Location	Listed in Standard Databases (Y/N)			Citations
						Scopus	Web of Science	Google Scholar	
1	Prof. PoojaDeshmukh	Design and Modelling of Photonic Sensor for Cancer Cell Detection	IEEE International Conference on Impact Of E-Technology on Us	10-11 Jan 2014	Bangalore	Y	N	Y	0

*** No international conference papers for year 2015-16 and 2016-17

***No national conference papers from year 2013-2017

