

Sandip Foundaion's

**Sandip Institute of Engineering & Management, Nashik**  
**Department of Electronics & Telecommunication Engineering**

**Number of research papers per teacher in the Journals**

Sr. No.	Title of paper	Name of the author/s	Name of journal	National Journal	Department of the teacher	International Journal	Year of publication	ISBN/ISSN number
1	Delay Minimization Using Cognitive Radio from Spectrum Management Perspective,”	Prof. D P Patil	International Journal of Computer Applications (IJCA), in proceedings of International Conference in Computational Intelligence (ICCIA2012) iccia (9):- March 2012.	-	Electronics and Telecommunication	International Journal	2013	ISBN: 978-93-80866-67-9
2	Improved Algorithm for MAC Layer Spectrum Sensing in Cognitive Radio Networks from Dynamic Spectrum Management Perspective	Prof. D P Patil	International Journal of Computing Network, Wireless and Mobile Communication.	-	Electronics and Telecommunication	International Journal	December-2014	Volume 4, Issue 6, ISSN(P)-2250-1568, ISSN(E) 2278-9448 (Print)
3	“Performance Evaluation of Different Spectrum Sensing Techniques for Realistic Implementation Oriented Model In Cognitive Radio Networks,”	Prof. D P Patil	International Journal of Wireless & Mobile Networks	-	Electronics and Telecommunication	International Journal	December-2014	Vol.-6 , 0975-3884 (Online); ISSN: 0975-4679 (Print),
4	PLC Controler forHydraulic operated unscrewing machine:Issues and Proposed System	Prof. D P Patil	International Journal of Science, Engineering and Technology Research (ISETR)	-	Electronics and Telecommunication	International Journal	March-2015	Volume 4, Issue 4, ISSN: 2278 – 7798
5	Genetic Algorithm based QoS Aware Adaptive Subcarrier Allocation in Cognitive Radio Networks,”	Prof. D P Patil	Scientific Research Journal, Wireless Engineering and Technology, USA.	-	Electronics and Telecommunication	International Journal	--	--
6	A Novel Cooperative Spectrum Sensing Framework for Cognitive Radio Networks.” Communicated to special issue on Innovations and Applications in Wireless Ad Hoc and Sensor Networks	Prof. D P Patil	International Journal of Engineering and Technology Innovation.(Scopus Indexed)	-	Electronics and Telecommunication	International Journal	--	--

7	An adaptive approach in Dual Point Energy Detection Spectrum Sensing for Cognitive Radio Networks,”	Prof. D P Patil	International Journal of Emerging Trends in Technology,	-	Electronics and Telecommunication	International Journal	September-2016	Volume 3, Issue 3, 2455-0124 (Online) 12350-0808 (Print)
8	NFC Based Vehicular involuntary Communication System	Prof. D P Patil	International Journal of Advanced Research	-	Electronics and Telecommunication	International Journal	May-June-2017	Volume No.-8, Issue No.-5, ISSN: 0976-5694 (Online)
9	RBNSiZeComm and TSS: An Energy Efficient Communication Schemes for Wireless Networks	Prof. S. Y. Kanawade	Special Issue of International Journal of Electronics, Communication & Soft Computing Science & Engineering, (IJECSCE ).	-	Electronics and Telecommunication	International Journal	February 2013	978-81-926080-0-6978
10	A Survey of Data Compression Techniques in Sensor Network	Prof. S. Y. Kanawade	International Journal of Emerging Trends in Technology & Advanced Engineering	-	Electronics and Telecommunication	International Journal	October-2014	Volume:4, Issue:10, ISSN 2250-2459,
11	Data Coding Techniques in WSN:A Review	Prof. S. Y. Kanawade	International Journal of Review in Electronics & Communication Engineering	-	Electronics and Telecommunication	International Journal	October-2014	Volume:2, Issue:5, P-ISSN 2321-3159, E-ISSN 2321-3159
12	Advanced Driver Assistannce System (ADAS)	Prof. S. Y. Kanawade	International Journal of Advanced Research and Communication Engineering	-	Electronics and Telecommunication	International Journal	October-2015	Volume:4, Issue:10, ISSN 2278-909X,
13	Data Aggregation Protocols to Support Energy Efficiency and Security in Wireless Sensor Network: A Review	Prof. S. Y. Kanawade	International Journal of Scientific Engineering and Technology Research (IJSETR)	-	Electronics and Telecommunication	International Journal	14/11/15	Vol.03 ,Issue.38, ISSN 2319-8885
14	Secured Wireless Communication Through Zigbee using Cryptography and Steganography	Prof. S. Y. Kanawade	International Journal for Innovative Research in Science & Technology ( IJIRST )	-	Electronics and Telecommunication	International Journal	April 2016.	Volume 2 , Issue 11, ISSN (online): 2349-6010

15	Programmable Timer For Repeated Work	Prof. S. Y. Kanawade	International Research Journal of Engineering and Technology (IRJET)	-	Electronics and Telecommunication	International Journal	April 2016.	Volume: 03, Issue: 04, e-ISSN: 2395 -0056 , p-ISSN: 2395-0072
16	Solar Powered Automatic Lawn Mower	Prof. S. Y. Kanawade	International Journal of Engineering Applied Sciences and Technology (IJEAST)	-	Electronics and Telecommunication	International Journal	April - May 2016	Vol. 1, Issue 6, ISSN No. 2455-2143
17	Improved Distant Monitoring of Healthcare Systems	Prof. S. Y. Kanawade	International Journal of Current Research in Science & Technology	-	Electronics and Telecommunication	International Journal	2016	Volume 2 , Issue 08, ISSN : 2394-5745
18	FPGA based Device Control System	Prof. S. Y. Kanawade	International Journal of Scientific Research & Development	-	Electronics and Telecommunication	International Journal	2017	Volume 5 , Issue 03, ISSN : 2321-0613
19	Empower Internet of Things using Intel Edison for Tech Homes	Prof. S. Y. Kanawade	International Journal of Control Theory and Applications (IJCTA)	-	Electronics and Telecommunication	International Journal	2017	volume 9 issue 17.
20	Leap Motion Control Using Virtual Automation	Prof. S. Y. Kanawade	International Journal of Advance Research, Ideas and Innovations in Technology	-	Electronics and Telecommunication	International Journal	'23-Mar-17	-----
21	Web Based Health Monitoring System	Prof. Y R. Risodkar	International Journal of Advanced Research in Electronics and Communication Engineering	-	Electronics and Telecommunication	International Journal	January -2015	Volume 4   Issue 1, 2278 – 909X
22	Android Based Interactive Information System For Museum Using RFID Technology	Prof. Y R. Risodkar	International Journal of Advance Engineering and Research Development	-	Electronics and Telecommunication	International Journal	December -2014	Volume 1   Issue 12, 2348-4470
23	AUTOMATIC TOLL COLLECTION WITH ANTI THEFT SYSTEM	Prof. Y R. Risodkar	International Journal of Advanced Research in Electronics and Communication Engineering	-	Electronics and Telecommunication	International Journal	January -2015	Volume 4   Issue 1, 2278 – 909X
24	Smart Traversing Sub-aquatic Vehicle	Prof. Y R. Risodkar	International Journal of Research in Advent Technology	-	Electronics and Telecommunication	International Journal	August -2015	2321-9637
25	Android Based Interactive Information System For Museum Using RFID Technology	Prof. M. K. Sangole	International Journal of Advance Engineering and Research Development	-	Electronics and Telecommunication	International Journal	December -2014	Volume 1   Issue 12, 2348-4470
26	Web Based Health Monitoring System	Prof. M. K. Sangole	International Journal of Advanced Research in Electronics and Communication Engineering	-	Electronics and Telecommunication	International Journal	January -2015	Volume 4   Issue 1, 2278 – 909X

27	AUTOMATIC TOLL COLLECTION WITH ANTI THEFT SYSTEM	Prof. M. K. Sangole	International Journal of Advanced Research in Electronics and Communication Engineering	-	Electronics and Telecommunication	International Journal	January -2015	Volume 4   Issue 1, 2278 – 909X
28	Voice Operated Elevator with Emergency Indicator	Prof. M. K. Sangole	International Journal of Advance Research in Computer Science and Software Engineering	-	Electronics and Telecommunication	International Journal	March -2015	Volume 5   Issue 3, 2277 128X
29	Smart Traversing Sub-aquatic Vehicle	Prof. M. K. Sangole	International Journal of Research in Advent Technology	-	Electronics and Telecommunication	International Journal	August -2015	2321-9637
30	GSM BASED PREPAID WATER CONTROL CIRCUIT SYSTEM FOR WATER METER	Prof. M. K. Sangole	International Journal of Current Research	-	Electronics and Telecommunication	International Journal	February -2016	Volume 8   Issue 2, 0975-833X
31	Smart Refrigerator Using Internet of Things (IOT)	Prof. M. K. Sangole	International Journal of Advance Research, Ideas and Innovations in Technology	-	Electronics and Telecommunication	International Journal	February -2017	Volume 3   Issue 1, 2454-132X
32	Modern Public Transport System	Prof. M. K. Sangole	International Journal of Advance Research, Ideas and Innovations in Technology	-	Electronics and Telecommunication	International Journal	March-2017	Volume 3   Issue 2, 2454-132X
33	RFID Based Campus Management System: Access Control System	Prof. M. K. Sangole	International Journal for Research in Engineering Application & Management(IJREAM)	-	Electronics and Telecommunication	International Journal	April-2017	Volume 3   Issue 2, ISSN 2454-9150
34	Traffic Signal Controlling System	Prof. M. K. Sangole	International Journal for Research in Engineering Application & Management(IJREAM)	-	Electronics and Telecommunication	International Journal	April-2017	Volume 3   Issue 2, ISSN 2454-9150
35	Electricity Theft Detection Using GSM	Prof. M. K. Sangole	International Journal for Scientific Research & Development	-	Electronics and Telecommunication	International Journal	2017	Volume 5   Issue 2, ISSN 2321-0613
36	Spectrum Sensing Techniques for Cognitive Radio in Next Generation Wireless Networks	Prof. B. D. Deore	International Journal of Computer Applications (IJCA)	-	Electronics and Telecommunication	International Journal	December-2014	973-93-80884-66-2 ISSN (E)0975 – 8887,

37	Spy guard using RFID	Prof. B. D. Deore	International Journal of Science, Engineering and Technology Research (IJSETR)	-	Electronics and Telecommunication	International Journal	March-2015	Issue 3, Volume 4, ISSN: 2278 – 7798
38	Performance Investigation of Spectrum Sensing Methods in Cognitive Radio Networks for Effective Spectrum Utilization	Prof. B. D. Deore	International Journal of Modern Computer Science and Applications (IJMCSA)	-	Electronics and Telecommunication	International Journal	March-2016	Volume No.-4, Issue No.-2, ISSN:2321-2632
39	An Analytical Comparison for Eigen Value based Spectrum Detection Schemes for Cognitive Radio Networks	Prof. B. D. Deore	International Journal for Scientific Research & Development (IJSRD)	-	Electronics and Telecommunication	International Journal	August-2016	Vol. 4, Issue 07, ISSN: 2321-0613
40	Solar Panel Inverter with MPPT	Prof. B. D. Deore	International Journal for Scientific Research & Development (IJSRD)	-	Electronics and Telecommunication	International Journal	October-2016	Vol. 4, Issue 08, ISSN: 2321-0613
41	TRANSFORMER FAULT PROTECTION USING GSM	Prof. B. D. Deore	International Journal of Electrical and Computer Engineering (IJECE)	-	Electronics and Telecommunication	International Journal	January-2017	Vol. 6, Issue 07, ISSN: 2088-8708
42	Design & Development of Solar Panel Inverter with MPPT	Prof. B. D. Deore	International Research Journal of Engineering and Technology (IRJET)	-	Electronics and Telecommunication	International Journal	April-2017	Vol. 4, Issue 04, ISSN(P): 2395-0072, ISSN(E):2395-0056005
43	Encryption Algorithm Addressing GSM Security Issues- A Review	Prof. P. P. Chaudhari	International Journal of Latest Trends in Engineering and Technology	-	Electronics and Telecommunication	International Journal	March-2013	Volume-II, Issue-2, 2278-621X
44	An Application of Embedded System in Telemedicine Using Arm-7	Prof. P. P. Chaudhari	International Journal of Innovations in Engineering & Technology	-	Electronics and Telecommunication	International Journal	February 2013	Volume-II, Issue-1, 2319-1058
45	Image Based Password Authentication	Prof. P. P. Chaudhari	International Journal of Advanced Research in Computer Science and Software Engineering	-	Electronics and Telecommunication	International Journal	February-2015 February-2015 February-2015 February-2015	Volume 5, Issue 2, 2277-128X
46	Electricity And Load Shedding Monitoring	Prof. P. P. Chaudhari	International Journal of Advanced Research in Electronics and Communication Engineering	-	Electronics and Telecommunication	International Journal	March-2015 March-2015 March-2015	Volume-4, Issue-3, 2278 – 909X
47	Wireless Control Crane	Prof. P. P. Chaudhari	International Journal of Advanced Research in Comouter and Communication Engineering	-	Electronics and Telecommunication	International Journal	January-2016	Volume-5, Issue-1, 2278-1021
48	Oscilloscope Using Android	Prof. P. P. Chaudhari	International Journal of Advanced Research in Electronics and Communication Engineering	-	Electronics and Telecommunication	International Journal	February-2016	Volume-5, Issue-2, 2278-909X

49	Medicine Vending Machine	Prof. P. P. Chaudhari	International Journal for Research & Development in Technology	-	Electronics and Telecommunication	International Journal	'April-2017	ISSN No.(Online) 2349-3585
50	Smart Ambulance Using IOT	Prof. P. P. Chaudhari	International Journal for Scientific Research & Development	-	Electronics and Telecommunication	International Journal	'Jan-2017	Vol. 5, Issue 1, March- 2017  ISSN (online): 2321-0613
51	Smart Sensor Based Soil Monitoring System	Prof. P. P. Chaudhari	International Journal of Advance Research and Innovative Ideas in Education	-	Electronics and Telecommunication	International Journal	March-2017	Vol. 3, Issue 2, March- 2017  ISSN (online): 2395-4396
52	Text and Image Encryption Decryption Using Advance Encryption Standard	Prof. A. K. Mishra	IJETCS (International Journal of Emerging Trends & Technology in Computer Science)	-	Electronics and Telecommunication	International Journal	May-June 2014	Vol 3 Issue 3, 2278-6856
53	Wireless Personal Safety Bracelet	Prof. A. K. Mishra	International Journal of Engineering Technology and Computer Research	-	Electronics and Telecommunication	International Journal	21 Nov 2014	Volume 2 Issue 6, 2348-2117,
54	Bare PCB Detecting & Sorting System	Prof. A. K. Mishra	International Journal of Engineering Technology and Computer Research	-	Electronics and Telecommunication	International Journal	January-2015	Vol – 3 Issue 1, 2348-2177
55	Quadcopter with wireless Video Surveillance	Prof. A. K. Mishra	International Journal of Novel Research in Electronics and Communication	-	Electronics and Telecommunication	International Journal	--	Volume 2 , Issue 1
56	Algorithmic Review for Voice and Speech Recognition	Prof. S. R. Kurkute	Science Park International recognized Research Journal	-	Electronics and Telecommunication	International Journal	'September 2013	Volume-1 Issue - 7, DOI:10.9780/23218045/152013/22, ISSN 2321-8045
57	Averaging in Noise Cancellation using Adaptive Filter for Voice Recognition	Prof. S. R. Kurkute	International Journal of Modern Embedded System(IJMES)	-	Electronics and Telecommunication	International Journal	'August 2014	ISSN 2320-9003,

58	Parametric Comparative Study of Adaptive Filter for Noise Cancellation	Prof. S. R. Kurkute	International Journal of Modern Computer Science and Applications (IJMCSA)	-	Electronics and Telecommunication	International Journal	November, 2014	Volume No.-2, Issue No.-6, ISSN: 2321-2632 (Online)
59	Automatic Energy meter reading system using GSM Technology	Prof. S. R. Kurkute	International Journal Of Innovative Research In Electrical, Electronics, Instrumentation And Control Engineering	-	Electronics and Telecommunication	International Journal	March-2016	Volume No.-4, Issue No.-3, ISSN: 2321-2004 (Online)
60	Automatic Liquid Mixing and Bottle Filling - A Review	Prof. S. R. Kurkute	International Journal of Innovative Resurch In Electrical,Electronics,Instumentation And Control Engineering	-	Electronics and Telecommunication	International Journal	January 2016	Volume No.-4, Issue No.-1, ISSN: 2321-2004 (Online)
61	Performance Investigation of Spectrum Sensing Methods in Cognitive Radio Networks for Effective Spectrum Utilization	Prof. S. R. Kurkute	International Journal of Modern Computer Science and Applications (IJMCSA) ,	-	Electronics and Telecommunication	International Journal	March, 2016	Volume No.-4, Issue No.-2, ISSN: 2321-2632 (Online)
62	Laboratory Virtual Instrument Engineering Workbench (LABVIEW)	Prof. S. R. Kurkute	International Journal of Modern Embedded System(IJMES)	-	Electronics and Telecommunication	International Journal	February 2017	-----
63	PCB Quality monitoring	Prof. S. R. Kurkute	International Journal of Modern Embedded System(IJMES)	-	Electronics and Telecommunication	International Journal	February 2017	ISSN 2320-9003 Volume No.-5, Issue No.-1,
64	DIP based automatic fabric Fault Detection	Prof. S. R. Kurkute	International Research Journal of Enginee	-	Electronics and Telecommunication	International Journal	April-2017	Volume No.-4, Issue No.-4, ISSN: 2395-0056 (Online)
65	NFC Based Vehicular involuntary Commu	Prof. S. R. Kurkute	International Journal of Advanced Research	-	Electronics and Telecommunication	International Journal	May-2017	Volume No.-8, Issue No.-5, ISSN: 0976-5694 (Online)
66	A survey of spectrum sensing techniques for CR networks.	Prof. M. T. Nikam	International Journal of Advanced Technology in Engineering and Science (IJATES)	-	Electronics and Telecommunication	International Journal	August 2014	Vol 02, Issue 08, (Online); ISSN: 2348 – 7550
67	Cloud storage security & providing integrity proof	Prof. M. T. Nikam	International Journal of Engineering Sciences & Research Technology (IJESRT)	-	Electronics and Telecommunication	International Journal	15 Sept. 2014	vol. 3, issue 9, ISSN: 2277-9655
68	Automatic profile change & mobile monitoring system	Prof. M. T. Nikam	International journal of science, engg. & technology research (IJSETR)	-	Electronics and Telecommunication	International Journal	September 2014	vol. 3, issue 9, 2278 – 7798
69	Dynamic spectrum sensing techniques for CR based wireless communication	Prof. M. T. Nikam	International journal of scientific engg. & technology research (IJSETR)	-	Electronics and Telecommunication	International Journal	September 2015	vol. 3, issue 24, ISSN: 2319 – 8885

70	Talking hands for Deaf & Dumb people	Prof. M. T. Nikam	International journal of scientific engg. & technology research (IJSETR)	-	Electronics and Telecommunication	International Journal	February 2015	vol. 4, issue 03, ISSN: 2319 – 888
71	Automatic book scanning	Prof. M. T. Nikam	International journal of advance research in electronics & communication engg.	-	Electronics and Telecommunication	International Journal	February 2016	Volume 5 Issue 2, ISSN: 2278 – 909x
72	Pedestrian counting system using Raspberry Pi & Open CV	Prof. M. T. Nikam	IJIREEICE	-	Electronics and Telecommunication	International Journal	February 2015	Volume 4 Issue X, ISSN: 2321 – 2004
73	Air Craft Black Box	Prof. M. T. Nikam	International journal of advance research in electronics & communication engg.	-	Electronics and Telecommunication	International Journal	January 2016	Volume 5 Issue 1, ISSN: 2278 – 909x
74	IOT based waste management for smart city	Prof. M. T. Nikam	International Journal of Advance Research, Ideas and Innovations in Technolog	-	Electronics and Telecommunication	International Journal	February 2017	ISSN: 2454-132X (Volume3, Issue2)
75	Two Axis Pick & Place Robot	Prof. M. T. Nikam	International Journal for Scientific Research & Development	-	Electronics and Telecommunication	International Journal	2017	Volume 5 Issue 2, ISSN: 2321-0613 2278 – 909x
76	Image Based Vehicle Locking & Starting System	Prof. M. T. Nikam	International Journal for Scientific Research & Development	-	Electronics and Telecommunication	International Journal	2017	Volume 4 Issue 2, ISSN: 2321-0613 2278 - 909x
77	A Novel Time Frequency Approach of content Revival Based Medical Image Compression	Prof. D. V. Ahire	International Journal on Recent & Innovation Trends in Computing & Communication	-	Electronics and Telecommunication	International Journal	2014	ISSN: 2321-8169
78	A Review on ROI Based Medical Image Compression Methods	Prof. D. V. Ahire	International Journal of Engineering Innovation & Research	-	Electronics and Telecommunication	International Journal	2015	Volume:4, Issue-3, ISSN-2277-5668
79	Multiple Spectrum Sensing Techniques for Cognitive Radio System	Prof. P. V. Ahire	International Journal of Engineering Research-Online	-	Electronics and Telecommunication	International Journal	June 2015	Vol.-3, Issue-3, 2321-7758
80	Multiple Spectrum Sensing Techniques for Cognitive Radio System	Prof. P. V. Ahire	International Journal of Modern Trends in Engineering and Research(IJMTER)	-	Electronics and Telecommunication	International Journal	2-4 July, 2015	Vol.-2, Issue-4,
81	An Analytical Comparison for Eigen Value based Spectrum Detection Schemes for Cognitive Radio Networks	Prof. P. V. Ahire	International Journal for Scientific Research & Development(IJSRD)	-	Electronics and Telecommunication	International Journal	September 2016	Vol. 04, Issue 07, 2321-0613



82	Proportional study of Eigen value Based Spectrum Sensing Techniques for Cognitive Radio Network	Prof. P. V. Ahire	International Journal of Computer Networks and Wireless Communications (IJCNWC)	-	Electronics and Telecommunication	International Journal	May-June 2016	Vol.6, Issue 3, 2250-3501
83	Performance Investigation of Spectrum Sensing Methods in Cognitive Radio Networks for Effective Spectrum Utilization	Prof. P. V. Ahire	International Journal of Modern Computer Science and Applications (IJMCSA) ,	-	Electronics and Telecommunication	International Journal	March, 2016	Volume No.-4, Issue No.-2, ISSN: 2321-2632 (Online)
84	Performance Investigation of Spectrum Sensing Methods in Cognitive Radio Networks for Effective Spectrum Utilization	Prof. P. V. Ahire	International Journal of Modern Computer Science and Applications (IJMCSA)	-	Electronics and Telecommunication	International Journal	March, 2016	Vol.-4, Issue-2, 2321-2632
85	NFC Based Vehicular involuntary Commu	Prof. P. V. Ahire	International Journal of Advanced Research	-	Electronics and Telecommunication	International Journal	May-2017	Volume No.-8, Issue No.-5, ISSN: 0976-5694 (Online)
86	Face Recognition using Local Texture Descriptor	Prof. P. S. Sonar	International Journal of Engineering Research & Technology (IJERT)	-	Electronics and Telecommunication	International Journal	April 2014	Vol. 3, 2278-0181
87	DIP based automatic fabric Fault Detection	Prof. P. S. Sonar	International Research Journal of Engineering	-	Electronics and Telecommunication	International Journal	April-2017	Volume No.-4, Issue No.-4, ISSN(E): 2395-0056, ISSN(P):2395-0072
88	Effect of Pre-processing along with MFCC Parameters in Speech Recognition	Prof. A. H. Sonawane	International Journal of Engineering Development and Research	-	Electronics and Telecommunication	International Journal	March-2016	Volume No. 4, (2321-9939)
89	Investigation of mole fraction in nitride semiconductor using photonic bandgap analysis	Prof. C. Nayak, Prof. G. Palai and Prof. P. Sarkar	Optik - International Journal for Light and Electron Optics	-	Electronics and Telecommunication		2015	Vol-127, 697-699, ISSN: 0030-4026
90	Early Detection of Acute Dehydration Using One Dimensional Photonic Device	Prof. C. Nayak and Prof. A Saha	Optik - International Journal for Light and Electron Optics	-	Electronics and Telecommunication		2016	Vol-127, 5462-5465, ISSN: 0030-4026
91	Theoretical investigation of tuning the photonic jet through varying the salt concentration in propagating medium using FDTD method	Prof. C. NayaK S. Mukharjee and Prof. A Saha	Optik - International Journal for Light and Electron Optics	-	Electronics and Telecommunication		2016	Vol-127, 7258-7261, ISSN: 0030-4026
92	Realization of Monochromatic Filter Using Silicon grating Structure: An application of Silicon Photonics	Prof. C. Nayak, and Prof. G. Palai	Optik - International Journal for Light and Electron Optics	-	Electronics and Telecommunication		2016	Vol-127, 8264-8268, ISSN: 0030-4026
93	Process engineering study of photonic nanojet from highly intense to higher propagation using FDTD method	Prof. C. NayaK S. Mukharjee and Prof. A Saha	Optik - International Journal for Light and Electron Optics	-	Electronics and Telecommunication		2016	Vol-127, 8836-8840, ISSN: 0030-4026

94	Photonic Nanojet Produce from a Rectangular Grooves based finite length Diffraction Grating	Prof. C. Nayak and Prof, A Saha	Optik - International Journal for Light and Electron Optics	-	Electronics and Telecommunication		2016	Vol-127, 10283-10287, ISSN: 0030-4026
95	Effect of the matrix dimension on the performance of photonic nanojets produce from an array of cubiod profile microsteps	Prof. C. Nayak and Prof, A Saha	Optik - International Journal for Light and Electron Optics	-	Electronics and Telecommunication		2016	Vol-127, 10766-10771, ISSN: 0030-4026
96	Simulation studies of semiconductor photonic crystal using photonic band gap analysis: A realization of optical mirror	Prof. C. Nayak, Prof . P. Sarkar and Prof. G. Palai	The Open Electrical & Electronic Engineering Journal	-	Electronics and Telecommunication		2016	Vol-10, 3-8, ISSN: 0925-3467
97	Effect of standard deviation, strength of magnetic field and electron density on the photonic band gap of an extrinsic disorder plasma photonic structure	Prof. C. Nayak, Prof A. Aghajamali, Prof. F. Scotognella and Prof, A Saha	Optical Materia	-	Electronics and Telecommunication		2017	Vol-72, 25-30, ISSN: 0925-3467
98	Double-negative multilayer containing an extrinsic random layer thickness magnetized cold plasma photonic quantum-well defect	Prof. C. Nayak, Prof A. Aghajamali, and Prof, A Saha	Super lattice and Microstructures	-	Electronics and Telecommunication		2017	In Press, ISSN: 0749-6036
99	Tunable photonic band gaps in an extrinsic Octonacci magnetized cold plasma quasicrystal	Prof. C. Nayak, Prof A. Aghajamali, Prof. T. Alamfardand Prof, A Saha	Physica B	-	Electronics and Telecommunication		2017	Vol-525, 41-45, ISSN: 0921-4526