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	Department	Electronics and Telecommunication		
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	Experience	Teaching :	7 Years	Industry: 01 Years

Area of Interest	wireless communication			
Publications	International Journal (s):	25	National Journals (s) :	
	International Conference (s):		National Conference:	05
Publication Details	<p>Write publication details as per example given below- author name, paper name, journal/conference name, year</p> <ol style="list-style-type: none"> 1. Deepak Kumar Ray, Shruti K. Oza , Rajat Sharma , Akhil Anand , Abhishek Kumar , "5G in India" ,International Journal of Engineering Research & Technology (IJERT) 2020 2. Deepak Kumar Ray, Amul Jaiswal, Ankit Singh, Abhishek Roy , "Why OFDM Is Not The Waveform For 5G" , nternational Journal of Scientific Research in Engineering and Management (IJSREM) ,2020 3. Deepak Kumar Ray ,Vishal Tripathi , Nakul Gupta, Kushagra Srivastava , "A Comparison Between 5G Waveforms –GFDM and FBMC" , SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE) – Volume 7 Issue 4 – April 2020 , 4. Ansh Jaiswal , Amrit , Avinash, Deepak Ray, "CHANNEL ESTIMATION IN OFDM SYSTEMS" , International Journal of Emerging Technologies and Innovative Research 2019 5. Deepak Ray, Prakash Ray, Divyansh Joshi, Nishant Kumar , "AdHoc Mobile Wireless Network Enhancement using CISCO Packet Trace" , international Journal of Industrial Electronics and Electrical Engineering (IJIEEE) 2018 6 Anmol debnath, Praveen kumar, Pulkesh kalra, Deepak ray, "smart phone based security system using arm cortex m-3 " Vol. 3, Issue 2, pp: (430-431), Month: April - June 2015 International Journal of Electrical and Electronics Research - IJEER 2015 7. Kumar Ashish, Arun Shukla, Omkar A.Rai, Deepak Kr. Ray, "Review of fuzzy logic and neural network" Volume-3, Issue-7, July 2015, International Journal of Engineering and Technical Research –IJETR 2015 8. Hemant Patidar, Nikhil Sehgal, Sourabh Yadav, Deepak Ray, "HOME AUTOMATION WITH SPY ROBOT AND SECURITY SYSTEM" Vol. 2, Issue 2, pp: (119-123),International Journal of Recent Research in Electrical and Electronics Engineering -IJREEE 2015 9. Priya Ranjan Ashutosh KumarSukant Thakur,Deepak Ray, BLUETOOTH- A HISTORICAL PERSPECTIVE TO THE MODERNDVELOPMENT, International Journal For Technological Research In EngineeringVolume 3, Issue 8, April-2016 ISSN (Online): 2347 – 4718 10. Sukant Thakur, Ashutosh Kumar, Priya Ranjan,Astt. Prof Deepak Ray, Cognitive Radio-The New Paradigm in the History Of Wireless Communication, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056Volume: 03 Issue: 04 Apr-2016 www.irjet.net p-ISSN: 			

	<p>2395-0072</p> <p>11. Ashutosh Kumar¹, Sukant Thakur², Priya Ranjan³, Asst. Prof Deepak Ray, RECONFIGURABLE ANTENNA USING FPGA AND NEURALNETWORK, International Journal For Technological Research In Engineering Volume 3, Issue 8, April-2016 ISSN (Online): 2347 – 4718</p> <p>12. Akash Srivastava Student, Shubham Saxena, Mihir Dwiwedi Deepak Ray, Power Factor Improvement by Engaging Appropriate Number of Shunt Capacitor, The International Journal Of Science & Technoledge (ISSN 2321 – 919X)</p> <p>13. Deepak Kumar Ray, Apurv Anand , Vikash Kumar , Ekta Negi, Simulation and Analysis of 10 GBPS Optical Communication System Using Different Pulses, International Journal of Innovative Research in Computer and Communication Engineering</p> <p>14. FACIAL EXPRESSION RECOGNITION, deepak Ray, Shubham Sinha, Rahul Kumar, Shital Nalawade International Research Journal of Engineering and Technology 4 (5), 4, 2017</p> <p>15. Spectrum Sensing using Energy Detection Algorithm for Cognitive Radio Deepak Ray Ashish Kumar, Ranit Goyal International Research Journal of Engineering and Technology 4 (5), 3, 2017.</p> <p>16. Face Detection: Survey, Deepak Ray, shubham sinha, Rahul kumar International Journal of Science and Research 6 (3), 4, 2017</p>
Professional Memberships	Associate Member IETE
WorkShop/ Seminar/Conference attended	<p>1. Interanational conference in E&TC 2015 2. National Conference in E&TC 2014 3. NI Seminar 4. Agilent Seminar 5. Secrets of GURU 6. Red Hat Linux 7. Leadership 8. Advanced cloud computing 9. Mind Power 10. PSOC and ARM 11. Ansys HFSS 12. Optispice & OptiSystem 13. RF simulation 14. Genesys software simulation 15. Simulation driven innovation on e mobility 16. ExpEyes 17. Technical leadership training 18. NAAC 19. Fundamentals of MIMO Wireless Communication 20. Cyber security 21. Satellite communication.</p>
Achievements	Guest speaker and Session chair IRAJ, Project Coordinator , Saturday@BV, Nodal officer TEQIP-II
Extra Activities	Maratha Chambers , External faculty to VIT