

## BIO-DATA



Recent Photograph

<b>1.</b>	<b>Name</b>	Manita Ramnath Rajput					
<b>2.</b>	<b>Designation</b>	Assistant Professor					
<b>3.</b>	<b>Residential Address</b>	Kalyan West					
<b>4.</b>	<b>Date of birth</b>	17/10/1981					
<b>5.</b>	<b>Total Experience</b>						
<b>i.</b>	<b>Teaching</b>	15 yrs					
<b>ii.</b>	<b>Industrial</b>	.5 yrs					
<b>6.</b>	<b>Qualifications</b>						
	<b>Exam Passed</b>	<b>Year</b>	<b>Institution/ University</b>	<b>Branch/Specialization</b>	<b>Percentage/CGPI</b>		
	M.E	2013	Mumbai University	EXTC	73%		
	B.Tech	2003	SNDT University	EXTC	6.5 GPA		
<b>Additional Qualification:</b>							
<b>7.</b>	<b>Employment Record</b>						
	<b>Institution</b>	<b>Year (From To)</b>		<b>Designation</b>			
	Agnel Polytechnic	2003-2007		Lecturer			
	Fr.CRIT	2007 till date		Assistant Professor			
<b>8.</b>	<b>Undergraduate / Postgraduate Teaching Experience and Subjects Taught</b>						
	<b>Subjects Taught at UG level</b>						
	<b>Sr.No.</b>	<b>Name of Subject</b>			<b>Semester</b>		
	1	Mobile Communication			VII		
	2	Wireless Networks			VIII		
	3	Television and Video Engg.			VI		
	4	Electrical Networks			III		
	5	Principles Of Communications			IV		
	6	Control Systems			IV		
	7	Electronics Devices and circuits			III		
	8	Mini Project			V and VI		
	<b>Subjects Taught at PG level</b>						
	<b>Sr.No.</b>	<b>Name of Subject</b>			<b>Semester</b>		
	1	Optical Fibre Communication			I		
	2	Mobile and Wireless Communications			II		
<b>9.</b>	<b>Research Experience: 6 years</b>						
<b>10.</b>	<b>Research Funding / Consultancy Services:</b>						
	<b>Sr.No.</b>	<b>Name of the Company</b>	<b>Address</b>	<b>Product</b>	<b>Consulting Service</b>	<b>Consulting Fees</b>	<b>Period</b>
	<b>Research Grants:</b>						
	<b>Sr.No.</b>	<b>Name of Funding Organization</b>	<b>Type of Grant</b>	<b>Amount (Rs.)</b>	<b>Year</b>	<b>Name of Research Project</b>	
	1	Mumbai University	Minor University Grant Ref No: APD/237/351 of 2014	Rs. 45000	2015	Wireless sensor network based smart home with object locating system for old age population	

<b>Technical Collaboration / Lab Funding with Industries</b>				
Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)	Year
1	TIFR	Internal Guide	--	2017-18
<b>11.</b>	<b>Professional Societies Fellowship / Membership: ISTE,IETE</b>			
<b>12.</b>	<b>Achievements / Awards / Position--</b>			
<b>13.</b>	<p><b>Projects guided in UG/PG level:</b></p> <ol style="list-style-type: none"> <li>1. BE final year students of the batch 2017-18 successfully completed project on “ Iris Movement based Assistance for Cataonic Patients”.</li> <li>2. BE final year students of the batch 2016-17 successfully completed project on “Glass box: IOT enabled Black Box”.</li> <li>3. BE Final year students of the batch 2015-16 successfully completed project on “Assistive translator and zigbee enabled aid for the deaf.</li> <li>4. M.E Project student Madhura Mahajan of the batch 2016-16 successfully completed the project on “ A switch Triggered Rescue assistance system for Women”</li> <li>5. M.E Project student Rasika Ransing of the batch 2014-15 successfully completed the project on “Wireless sensor network based smart home for the elderly with object locating facility”</li> <li>6. BE Final year students of the batch 2014-15 successfully completed project on “Use of programmable logic controller for material handling” Group members include Mr, Pranay Mhatre, Mr. Dinesh Nikam, Ms. Nimisha Palkar, Mr. Surendranath Adirepalli.</li> <li>7. BE Final year students of the batch 2013-14 successfully completed project on “Web Based Bus Tracking System.”.</li> <li>8. BE Final year students of the batch 2013-14 successfully completed project on “ Real Time Automation of Agricultural Environment”.</li> <li>9. BE Final year students of the batch 2012-13 successfully completed project on “RFID based library system”.</li> </ol>			
<b>14.</b>	<p><b>Short Term Training Programmes attended:</b></p> <ol style="list-style-type: none"> <li>1) Attended a one week AICTE and ISTE approved STTP on “Machine Learning” organized by FRCRIT ,Mumbai from 2<sup>nd</sup> to 6<sup>th</sup> January 2018.</li> <li>2) Attended a one week ISTE sponsored STTP on “Innovative Teaching Learning Practices” organized by SPIT ,Mumbai from 3<sup>rd</sup> to 9<sup>th</sup> May 2018.</li> <li>3) Attended one week ISTE approved FDP on “ Research advances in Internet Of Things(IOT). At RAIT, Nerul,Navi Mumbai from 21<sup>st</sup> to 25<sup>th</sup> June 2016.</li> <li>4) Attended a one week AICTE approved (under QIP) STTP on “Wireless Network and Cognitive Radio” organized by VJTI ,Mumbai from 9<sup>th</sup> to 13<sup>th</sup> March 2015.</li> <li>5) Attended a five day STTP on “NS2: A helicopter View” conducted by K.J Somaiya Institute of engineering and information technology , Sion , Mumbai from 5<sup>th</sup> November 2012 to 9<sup>th</sup> November 2012.</li> <li>6) Attended two week ISTE workshop on ‘Introduction to Research Methodologies’, conducted by IIT Bombay , at Terna College of Engg.and Tech., Nerul from 25/06/2012-4/07/2012 .</li> <li>7) One week AICTE approved and ISTE sponsored STTP on “Recent Trends in Wireless Communication” from 23rd June to 27th June 2008.</li> <li>8) One week AICTE approved and ISTE sponsored STTP on “Recent Trends in Wireless Communication” from 26 Feb-02 March 2007.</li> <li>9) ISTE approved STTP on ‘Wireless techonologies and mobile computing’ from January 15-19 2007.</li> </ol>			
<b>15.</b>	<b>List of Journal Papers Published :</b>			

	<ol style="list-style-type: none"> <li>1) Rohan D'Souza, Sneha Aruldurai, Prajakta Totawar, Anish Poojary, Manita Rajput, "Glass Box-An attempt to make Black Box Intelligent" <i>International Journal of Pure and Applied</i>, Volume 115 No. 6 2017, 459-466 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version).</li> <li>2) Madhura Mahajan, Dr. K.T.V. Reddy, Ms. Manita Rajput, "Design and implementation of a rescue system for safety of women" <i>IEEE Xplore 978-1-4673-9338-6/16/\$31.00 © 31.002016 IEEE</i>.</li> <li>3) Madhura Mahajan, Dr. K.T.V. Reddy, Ms. Manita Rajput, "Design and Simulation of a Blacklisting Technique for Detection of Hello flood Attack on LEACH protocol" <i>.Procedia Computer Science 79 (2016) pg no: 675-682 Elsevier Publication, doi:10.1016/j.procs.2016.03.086</i></li> <li>4) Apeksha Khilari, Aishwarya N., Ms. Manita Rajput, "Android based aid for the deaf". published in <i>International Journal of Technical Research and Applications</i> –ISSN:2320-8163.</li> <li>5) Rasika Ransing, Manita Rajput, "Wireless Sensor Network Based Smart Home with Object Locating system for old age population" in <i>International journal of scientific and engineering research</i>, Volume 6, Issue 9, November 2015.</li> <li>6) Rasika Ransing, Manita Rajput, "Smart Home for Elderly Care, based on Wireless Sensor Network" <i>IEEE Xplore 978-1-4799-7263-0/15/\$31.00 © 2015 IEEE</i>.</li> <li>7) Amruta M., Manita Rajput, Sadhana Pai "Temporal Analysis of ECG Using LabVIEW" <i>IJLTEMAS Online journal</i>, Volume III, Issue 9, Sept. 2014.</li> <li>8) Akshay Narkhede, Ajita Chalkar, Manita Rajput, "Real Time Automation of Agricultural Environment" <i>International Conference on Convergence of Technology-2014</i> and published in <i>IEEE Xplore 978-1-4799-3759-2/14/\$31.00©IEEE</i>.</li> <li>9) Manita Rajput, Sadhana Pai, Umesh M. "Virtual instrumentation and it's applications" <i>International Journal Of Engineering Inventions</i>, vol.1 Issue 9 Page No.25-26.</li> <li>10) Wireless transmission of biomedical parameters using GSM technology <i>IJESE</i>, volume 1, Issue -9, July 25 2013</li> </ol>
<b>16.</b>	<p><b>List of Papers Published in National and International Conferences :</b></p> <ol style="list-style-type: none"> <li>1) Rasika Ransing, Manita R., Megha Kolhekar "Future Trends in Wireless Sensor Networks" <i>Proceedings of ICRTCEE</i>, held at Mumbai on January 10, 2015.</li> <li>2) Akshay Bhosale, Manita Rajput "Web Based Bus Tracking System" <i>International Conference on Convergence of Technology-2014</i> ISSN No: 978-1-14799-3759-2/14/©2014 IEEE.</li> <li>3) Pranay M. Mr, Pranay Mhatre, Mr. Dinesh Nikam, Ms. Nimisha Palkar, Mr. Surendranath Adirepalli. "Use Of Programmable Logic controller for Material Handling" <i>proceedings of National Conference on Recent Innovations in Engineering and Technology</i>.</li> <li>4) Manita Rajput, Smita Hande "Dynamic Channel Allocation and Call Admission Control in DS-CDMA" <i>NCVSP-11</i>.</li> <li>5) Smita Hande, Manita Rajput, "Bit-plane Digital Watermarking for Digital ages and Audio" <i>Zenith 09</i>.</li> </ol>
<b>17.</b>	<b>Books/Reports/General articles etc.--</b>
<b>18.</b>	<b>Invited Lectures in FDP/ STTP--</b>
<b>19.</b>	<p><b>International Conference Technical Program Committee Member / Reviewer:</b></p> <ol style="list-style-type: none"> <li>1) Paper reviewer for ICNTE 2017.</li> <li>2) TPC member of ICNTE 2017.</li> </ol>
<b>20.</b>	<b>Patents:--</b>

