

BIO-DATA



Recent Photograph

1.	Name	Manita Ramnath Rajput					
2.	Designation	Assistant Professor					
3.	Date of birth	17/10/1981					
4.	Total Experience						
i.	Teaching	20 yrs					
ii.	Industrial	.5 yrs					
5.	Qualifications						
	Exam Passed	Year	Institution/ University	Branch/Specialization	Percentage/CGPI		
	M.E	2013	Mumbai University	EXTC	73%		
	B.Tech	2003	SNDT University	EXTC	6.5 GPA		
Additional Qualification:							
6.	Employment Record						
	Institution	Year (From To)		Designation			
	Agnel Polytechnic	2003-2007		Lecturer			
	Fr.CRIT	2007 till date		Assistant Professor			
7.	Undergraduate / Postgraduate Teaching Experience and Subjects Taught						
	Subjects Taught at UG level						
	Sr.No.	Name of Subject			Semester		
	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		
	Subjects Taught at PG level						
	Sr.No.	Name of Subject			Semester		
	1	Optical Fibre Communication			I		
	2	Mobile and Wireless Communications			II		
8.	Research Experience: 6 years						
9.	Research Funding / Consultancy Services:						
	Sr.No.	Name of the Company	Address	Product	Consulting Service	Consulting Fees	Period
	1.	NMRL,DRDO	Ambarnath	RAM	Grant under CARS	—	2019-21
	Research Grants:						
	Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project	
	1	Mumbai University	Minor University Grant Ref No: APD/237/351 of 2014	Rs. 45000	2015	Wireless sensor network based smarthome with object locating system for old age population	
	2	Mumbai University	Minor University Grant	Rs. 35000	2019	Smog detection using Wireless Sensor network	

Technical Collaboration / Lab Funding with Industries					
Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)	Year	
1	TIFR	Internal Guide	--	2017-18	
11.	Professional Societies Fellowship / Membership: ISTE,IETE				
12.	Achievements / Awards / Position--				
13.	<p>Projects guided in UG/PG level:</p> <ol style="list-style-type: none"> 1. BE final year students of the batch 2022-23 successfully completed project on “Digi-farming assistant for soil quality analysis” 2. BE final year students of the batch 2021-22 successfully completed project on “Real time Stand-Alone Alarm system to detect driver drowsiness” 3. BE final year students of the batch 2020-21 successfully completed project on “Wireless HDMI” 4. BE final year students of the batch 2019-2020 successfully completed project on “Traffic Avoidance System for High Priority Vehicles” 5. BE final year students of the batch 2018-19 successfully completed project on “Smog monitoring and Alert system using Wireless Sensor Networks”. 6. BE final year students of the batch 2017-18 successfully completed project on “ Iris Movement based Assistance for Cataonic Patients”. 7. BE final year students of the batch 2016-17 successfully completed project on “Glass box: IOT enabled Black Box”. 8. BE Final year students of the batch 2015-16 successfully completed project on “Assistive translator and zigbee enabled aid for the deaf. 9. M.E Project student Madhura Mahajan of the batch 2016-16 successfully completed the project on “ A switch Triggered Rescue assistance system for Women” 10. M.E Project student Rasika Ransing of the batch 2014-15 successfully completed the project on “Wireless sensor network based smart home for theelderly with object locating facility” 11. 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. 12. BE Final year students of the batch 2013-14 successfully completed project on “Web Based Bus Tracking System.”. 13. BE Final year students of the batch 2013-14 successfully completed project on “ Real Time Automation of Agricultural Environment”. 14. BE Final year students of the batch 2012-13 successfully completed project on “RFID based library system”. 				

<p>14.</p>	<p>Short Term Training Programmes attended:</p> <ol style="list-style-type: none"> 1) Attended a one-week Online advanced FDP on “IOT in 5G Technology” conducted by Silicon Institute of Technology in June 2021. 2) Attended a one week workshop on “Copyright, Patent filing and journal indexing” conducted by REST society of research International (RSRI), from 7 June 2021 to 11 June 2021. 3) Attended a one week workshop on “Data Analysis in MS-EXCEL” organized by REST Society for (RSRI) Krishnagiri, Tamil Nadu, India from 17 May 2021 to 21 may 2021. 4) Attended a 6 day FDP on “Introduction to Latex” from 15th June to 20th June 2020, at Xavier Institute Of Engineering. 5) Attended a one week AICTE and ISTE approved STTP on “Machine Learning” organized by FRCRIT ,Mumbai from 2nd to 6th January 2018. 6) Attended a one week ISTE sponsored STTP on “Innovative Teaching Learning Practices” organized by SPIT ,Mumbai from 3rd to 9th May 2018. 7) Attended one week ISTE approved FDP on “ Research advances in InternetOf Things(IOT). At RAIT, Nerul, Navi Mumbai from 21st to 25th June 2016. 8) Attended a one week AICTE approved (under QIP) STTP on “Wireless Network and Cognitive Radio” organized by VJTI ,Mumbai from 9th to 13th March 2015. 9) Attended a five day STTP on “NS2: A helicopter View” conducted by K.J Somaiya Institute of engineering and information technology , Sion , Mumbai from 5th November 2012 to 9th November 2012. 10) Attended two week ISTE workshop on ‘Introduction to Research Methodologies’, conducted by IIT Bombay , at Terna College of Engg.andTech., Nerul from 25/06/2012-4/07/2012 . 11) One week AICTE approved and ISTE sponsored STTP on “Recent Trends in Wireless Communication” from 23rd June to 27th June 2008. 12) One week AICTE approved and ISTE sponsored STTP on “Recent Trends in Wireless Communication” from 26 Feb-02 March 2007. 13) ISTE approved STTP on ‘Wireless technologies and mobile computing’ from January 15-19 2007.
<p>15.</p>	<p>List of Journal Papers Published :</p> <ol style="list-style-type: none"> 1) Daryl Narakadan, Sadhana Pai, Manita Rajput, “Wireless Communication Between Embedded Systems based on FPGA,” <i>International Journal of Engineering & Technology</i>, 7 (4.41) (2018) 66-70, <i>International Journal of Engineering & Technology</i> 2) 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). 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</i> 79 (2016) pg no: 675- 682 Elsevier Publication, doi:10.1016/j.procs.2016.03.086 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. 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. 6) Amruta M., Manita Rajput, Sadhana Pai “Temporal Analysis of ECG Using LabVIEW” <i>IJLTEMAS Online journal</i> , Volume III, Issue 9, Sept. 2014. 7) Manita Rajput, Sadhana Pai, Umesh M. “Virtual instrumentation and its applications” <i>International Journal Of Engineering Inventions</i> , vol.1 Issue 9 Page No.25-26. 8) Wireless transmission of biomedical parameters using GSM technology

<p>16.</p>	<p>List of Papers Published in National and International Conferences :</p> <ol style="list-style-type: none"> 1) Anashwara Pillai, Tadaksha M.,Ayush M., Joezer E., Manita R., "Real-Time Stand-Alone Alarm System to detect driver drowsiness", proceedings of the 8th National Conference on advancements in Communication, Computing and Electronics Technology [ACCET 2022], Pune, Maharashtra. 2) Ashly Roy, Merin Jose, Shreya Thomas, Shweta Dalvi, Manita Rajput, "Traffic Avoidance System for High Priority Vehicles," in ITM Web of Conferences, ICACC-2020, Navi Mumbai, August 2020. 3) Manita Rajput, Priyanka Sawant, Priyanka Jondhale, "Smog Detection and Pollution Alert System Using Wireless Sensor Network," International Conference on Intelligent Computing and Communication Technology (ICICCT 2019), College of Engineering for Women, Hyderabad, 09-11 January, 2019 4) Bhaskar A., Shaikh R., Hartalkar A., Jacob, R, Rajput, M , "Iris Movement Based Assistance for Catatonic Patients" published in 3rd International Conference for Convergence in Technology, I2CT 2018 5) Mahajan. M. Reddy. K. Rajput, M., "A Switch Triggered Rescue Assistance System for Safety of Women" 2018 International Conference on Smart City and Emerging Technology, ICSCET 2018 published in IEEE Xplore. 6) Rasika Ransing, Manita R. , Megha Kolhekar "Future Trends in Wireless Sensor Networks" <i>Proceedings of ICRTCEE</i> , held at Mumbai on January10 ,2015. 7) Rasika Ransing, Manita Rajput, "Smart Home for Elderly Care, based on Wireless Sensor Network," 2015 International Conference on Nascent Technologies in the Engineering Field (ICNTE) DOI: 10.1109/ICNTE34477.2015, 9-10 Jan. 2015 IEEE Xplore 978-1-4799-7263-0/15/s31.00 © 2015 8) 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. 9) Akshay Narkhede, Ajita Chalkar, Manita Rajput, "Real Time Automation of Agricultural Environment" International Conference on Convergence of Technology-2014 and published in IEEE Xplore 978-1-4799-3759-2/14/\$31.00©IEEE 10) 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> 11) Manita Rajput, Smita Hande "Dynamic Channel Allocation and Call Admission Control in DS-CDMA" <i>NCVSP-11.</i> 12) Smita Hande, Manita Rajput "DCT based Watermarking in Video for Copyright Protection" in proceedings of NCVSP-11 13) Smita Hande, Manita Rajput, "Bit-plane Digital Watermarking for Digital ages and Audio" <i>Zenith 09.</i>
<p>17.</p>	<p>Books/Reports/General articles etc.—</p> <ol style="list-style-type: none"> 1. Co-authored a book on "Mobile Communication System" which was published in Sept. 2019 by Ques10 publishers. ISBN number: 978-81-941427-4-4 2. eBook ISBN: 978-981-15-0145-6 for the same book 3. The paper on "Smog Detection and Pollution Alert System Using Wireless Sensor Network" got published in Springers "Lecture Notes in Networks and Systems-2019". ISBN 978-981-15-0146-6
<p>18.</p>	<p>Invited Lectures in FDP/ STTP--</p>
<p>19.</p>	<p>International Conference Technical Program Committee Member / Reviewer:</p> <ol style="list-style-type: none"> 1) Paper reviewer for ICNTE 2017. 2) TPC member of ICNTE 2017.
<p>20.</p>	<p>Patents:--</p>