

	Name	MAYUR DILIP JAKHETE		
	Designation	Assistant Professor		
	Department	Electronics and Telecommunication		
	Qualification	Ph.D (Thesis Submitted) , ME (Digital Elex)		
	Contact No.	9890421300	Ph. Extension	
	Email ID			
	Experience	Teaching :	15.5	Industry :

Area Of Interest	Embedded System, Semi conductor Devices and Circuits			
Publications	International Journal (s):	17	National Journals (s) :	00
	International Conference (s):	02	National Conference:	04
Publication Details	<p><u>INTERNATIONAL JOURNALS:</u></p> <p>1] M D Jakhete, “Classification of Image De-noising”, <i>International Journal of Science and Research (IJSR)</i> , Volume no.4,Issue 3, PP.1773-1775, March 2015.</p> <p>2] Avinash A. Salunke, Prof. M. D. Jakhete, “Designing and Modeling of Distant words Recognition Pattern System for Motion Control Systems in Vehicles”, <i>International Journal of Science and Research (IJSR)</i>, Volume 4, Issue 4,PP.1163-1165, April 2015.</p> <p>3] Prof. M. D. Jakhete, Piyush C. Mankar, “Smart Restaurant with E-menu Card”, <i>International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE)</i>, Volume 2, Issue 4,PP.23-28 April 2015.</p> <p>4] Ms Gayatri K Bhole, Mr M.D. Jakhete, “ Face Recognition using Radon & Wavelet Transform”, <i>International Journal Computer Science Trends and Technology (IJCST)</i>, Volume 3, Issue 2,PP.212-215,May 2015</p> <p>5] Prof. M. D. Jakhete, Piyush C. Mankar, “Implementation of Smart Restaurant with E-menu Card”, <i>International Journal of Computer Applications(IJCA)</i>, Volume 119, Issue 21,PP.23-27, June 2015. DOI:10.5120/21361-4374</p> <p>6] Ms Gayatri K Bhole, Mr M.D. Jakhete, “ Face Recognition using Radon & Wavelet Transform”, <i>International Journal of Engineering Sciences & Research Technology (IJESRT)</i>, Volume 4, Issue 7,PP.86-91,July 2015.</p> <p>7] Jayashri G. Hagaone, Mr M.D. Jakhete, “ Survey on Android Based Live Monitoring System of Green House Parameter”, <i>International Journal of Science and Research (IJSR)</i>, Volume 4, Issue 12,PP.1353-1355,Dec 2015.</p> <p>8] Jayashri G. Hagaone, Mr M.D. Jakhete, “ Survey on Android Based Live Monitoring System of Green House Parameter”, <i>Academic Science</i> , Volume 5, Issue 4,87-90, April 2016.</p> <p>9] Ashwini Vijay Borse, Prof. M. D. Jakhete, “M2M Architecture for Enhancing Public Transportation Management Service Using ARM 7”, <i>International Journal of Science and Research (IJSR)</i>, Volume 5, Issue 5,pp.1705-1708, May 2016.</p> <p>10] Vivek Chavan, Prof. M. D. Jakhete, “Industrial Automation Control Using Raspberry Pi and Zigbee”, <i>International Journal of Scientific Research in Science and Technology (IJSRST)</i>, Volume 3, Issue 4,PP.35-37, May 2017.</p> <p>11] Isha Ramdas Patil, Prof. M. D. Jakhete, “Secure and Corruption Controlling Automatic Ration Distribution System”, <i>International Journal of Scientific Research in Science and Technology (IJSRST)</i>, Volume 3, Issue 4,PP.192-194, May 2017.</p> <p>12] Vivek Chavan, Prof. M. D. Jakhete, “Raspberry Pi Based Industrial Process Monitoring Over Android And Controlling Through Zigbee”, <i>International Journal of Engineering and Technology (IRJET)</i>, Volume 4, Issue 7,PP.2734-2736, June 2017.</p>			

	<p>13] Kiran Firke, Prof. M. D. Jakhete, "IOT Based Kitchen Monitoring System: A Review", International Engineering Research Journal (IERJ), MD InfoTech special addition 2018.</p> <p>14] Kiran Firke, Prof. M. D. Jakhete, "IOT Based Kitchen Monitoring System: A Review", <i>International Journal of Creative Research Thoughts (IJCRT)</i>, Volume 6,issue 2.</p> <p>15] Kiran Firke, Prof. M. D. Jakhete, "IOT Based Kitchen Monitoring System: A Review", International Journal of Research in Engineering, IT and Social Sciences (IJREISS), Volume 9, Special issue,PP.261-265, March 2019.</p> <p>16] M. D. Jakhete, Dr. P. V. Ingole, "Enhancing Performance of Image De-Noiseing via Adaptive Hexagonal Structures," International Journal of Imaging and Robotics, 20(1), (2020).</p> <p>17] M. D. Jakhete, Dr. P. V. Ingole, "Infusing Hexagonal Structures With Machine Learning For An Improved Image De-Noiseing System," International Journal of Advanced Research in Engineering and Technology (IJARET), 11(12), pp.523-537, December (2020). DOI: 10.34218/IJARET.11.12.2020.056</p> <p><u>CONFERENCES:</u></p> <p><u>1]</u> M. D. Jakhete and Dr. P. V. Ingole, "Survey of Image De-Noiseing on Square Structure and Hexagonal Structure," IEEE Proceedings International Conference on Advances in Communication and Computing Technology (ICACCT) Amrutvahini College of Engineering, Sangamner, Ahmednagar, India, pp. 102-108, February (2018). DOI: 10.1109/ICACCT.2018.8529484</p> <p><u>2]</u> M. D. Jakhete, Dr. P. V. Ingole, "Adaptive Recursive Filter for Image De-Noiseing Using Hexagonal Structures," submitted to Materials Today through the 1st World Congress On Optimization and Automation Techniques In Engineering And Management -20 "(Wcoatem-20), October (2020).</p>
Books Published	00
Professional Memberships	IAENG, ISTE
Workshop/ Seminar/Conference attended	<p>1] One Day Workshop on " Embedded System" at Shri Sant Gadge Baba College of Engg & Tech., Bhusawal, 30th Aug.2008.</p> <p>2] Two Days Workshop on " Assembly Language Programming" at G.H. Rasoni Institute of Engg & Management ,Jalgaon , 19 to 20 Sept 2008.</p> <p>3] Two Days Workshop on " Microcontroller Based Intelligent Robotics" at G.H. Rasoni Institute of Engg & Management ,Jalgaon , 28 to 29 Aug. 2009.</p> <p>4] One day workshop on "Syllabus Framing" at SSBTE'S COE,bhambori,Jalagon, 20th Oct.2012.</p> <p>5] Two Days ISTE Workshop on "Aakash For Education" at GHRIEM,Jalgaon</p>

	<p>conducted by IIT, Bombay, 10th to 11th Nov.2012</p> <p>6] AICTE Sponsored Two Day's National Level Seminar on "Application of Wavelet Transform In Image Processing" at SSBTE'S COE,bhambori,Jalagon, 18 to19 Oct.2013.</p> <p>7] Two Weeks Workshop on "Control System" at KCE,COE,Jalgaon conducted by IIT Khargapur, 2nd Dec to 12th Dec .2014.</p> <p>8] One day workshop on "Syllabus Framing" at SGD,COE,Jalgaon, 14th Feb.2015.</p> <p>9] Three days workshop on "Application of Matlab for Engineering Computations" at GHRIEM,Jalgaon, 27th to 29th March.2015,</p> <p>10] Two Weeks Workshop on "Introduction to Design of Algorithms" GHRIEM,Jalgaon conducted by IIT ,Khargapur, 27th April.to 30th May.2015.</p> <p>11] One day workshop on "Recent trends in communication System" at Akademika Lab Solutions , Navi Mumbai, 22nd Aug. 2015.</p> <p>12] Two Weeks Workshop on "Technical Communication" at GHRIEM,Jalgaon conducted by IIT ,Bombay, 8th Oct. to 11th Nov..2015(online),30th Nov. to 5th Nov..2015(Face to Face).</p> <p>13] One Week Workshop on "Hands on Training on Transformer Design ,Manufacturing & Testing" at GHRIEM,Jalgaon conducted by N.Kelvin Transformers, Latur, 11th to 15th March 2016.</p> <p>14] Two Weeks ISTE Workshop on "Electric Power System" at GHRIEM, Jalgaon conducted by IIT Kharagpur, 12th June to 15th July 2017.</p> <p>15] Two Weeks Workshop on "Foundation Program in ICT for Education" at GHRIEM, Jalgaon conducted By IIT Bombay, 3rd Aug. to 7th Sept.2017.</p> <p>16] AICTE Sponsored One Week Workshop on "Fundamentals of Digital Image and Video Processing with 3D Applications" at IIT, Kharagpur</p> <p>17] One Week Workshop on "Matlab,Simulink, Scilab" at GHREAT,Nagpur, 18th June to 23rd June 2018.</p> <p>18] One day workshop on "Syllabus Framing" at SSBTE'SCOE,bhambori,Jalagon, 3rd July 2018.</p> <p>19] Three Days Workshop on "Network Simulator 2" at GHREAT,Nagpur, 25th Oct. to 27th Oct.2018.</p> <p>20] Three Days Workshop on" Android and It's Applications" at GHRIEM, Jalgaon, 26th Nov. to 28th Nov.2018.</p> <p>21] One day workshop on "Syllabus Framing" at SSBTE'SCOE,bhambori,Jalagon, 28th Jan. 2019.</p> <p>22] One day workshop on "R- Workshop" at GHRIEM, Jalgaon conducted By IIT</p>
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	<p>Bombay, 9th Nov.2019.</p> <p>23] AICTE Sponsored Five Days Workshop on “Fundamentals of Signal Processing” at SSGBCOE, Bhusawal , 01st to 5th Jan. 2020.</p> <p>24] One Week Workshop on “Advanced Power Converters for Industrial Applications “ at SSBTE’S COE, bhambori, Jalagon, 28th April to 2nd May. 2020.</p> <p>25] One Week Workshop “Machine Learning” at TATA Steel , 6th May to 12th May 2020.</p> <p>26] Two Weeks Workshop on “On-Campus Online Training Program for RGI Faculties” at RGI , Nagpur, 18th May to 06th June 2020.</p> <p>27] One Week Workshop on “Recent Advances in Engineering Technology” at RGI , Nagpur, 8th June to 13th June 2020.</p> <p>28] One Week Workshop on “Train – the –Teachers Training Program” at KBC NMU, Jalgaon, 24th to 27th July 2020.</p> <p>29] One Week Workshop on “Future Technologies for Smart cities” at SSGMCE, Shegaon, 1st to 5th Feb.2021.</p> <p>30] One Week Workshop on “Artificial Intelligence and Machine learning” NIT, Warangal, 24th to 25th May 2021.</p> <p>31] Five Weeks Workshop on “Industry Innovations and Readiness” by MACCIA, 24th April to 29th May 2021.</p> <p>32] Twelve Weeks Workshop on “Introduction to Industry 4.0 and Industrial Internet of Things” by NPTEL Funded by Ministry of HRD, Govt. of India, Jan – Apr.2021.</p> <p>33] One Week AICTE Training and Learning Academy (ATAL) on “Electric Vehicles” by Mangalore Institute of Technology & Engineering, Moodbidri, 4th Oct. to 8th Oct. 2021.</p>								
<p>Achievements</p>	<p>PATENT(S):NIL</p> <p>COPYRIGHT(S): NIL</p> <p>AWARDS: NIL</p>								
<p>Extra Activities</p>	<p>1. Worked as Guest Lecturer</p> <table border="1" data-bbox="451 1703 1425 1892"> <thead> <tr> <th data-bbox="451 1703 646 1822">Sr.No</th> <th data-bbox="646 1703 849 1822">Name of Topic</th> <th data-bbox="849 1703 1110 1822">Date</th> <th data-bbox="1110 1703 1425 1822">Venue</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 1822 646 1892">1</td> <td data-bbox="646 1822 849 1892">Fiber Optics</td> <td data-bbox="849 1822 1110 1892">03/02/2015</td> <td data-bbox="1110 1822 1425 1892">KCE Poly.Jalgaon</td> </tr> </tbody> </table>	Sr.No	Name of Topic	Date	Venue	1	Fiber Optics	03/02/2015	KCE Poly.Jalgaon
Sr.No	Name of Topic	Date	Venue						
1	Fiber Optics	03/02/2015	KCE Poly.Jalgaon						

2	VLSI Technology	10/02/2015	Sau.Nirmalatai P.Patil Women's Poly.Jalgaon
3	VLSI & ASIC	01/01/2016	Sau.Nirmalatai P.Patil Women's Poly.Jalgaon
4	Recent Trends in Embedded Systems	07/01/2016	Sau.Nirmalatai P.Patil Women's Poly.Jalgaon

2. Worked as Reviewer

Sr.No	Name of Event	Date	Venue
1	RGI-TRPCS- 2010	05/02/2010	Raisoni COE, Ahmednagar
2	TECHZEALO T-2011	27/09/2011	SSGB,COE,Bhusawal
3	TRIM-TECH- 2013	18/02/2013	Trimurti Institute of Technology ,Jalgaon
4	ICCICT- 2021 IEEE Conference	25 th to 27 th June 2021	Sardar Patel of Institute of Technology, Mumbai