



**Name of Faculty: Ravindra Pralhad Shelkikar**

**Designation: Associate Professor**

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**Address for Correspondence:** Flat no-301, Gavdevi Apartment, Sector-6, Sarsoli, Nerul Navi Mumbai

**Professional Qualification:**

- Ph.D in Electronics Engineering,(Preserving)**  
Dr Babasaheb Ambedkar Marathwada University, Aurangabad
- Master of Electronics Engineering, 2008**  
Dr Babasaheb Ambedkar Marathwada University, Aurangabad  
, Maharashtra
- Bachelor of Electronics Engineering, 2000**  
Dr Babasaheb Ambedkar Marathwada University, Aurangabad

**Short Biodata:**

**List of Publication:**

**Journal Publications:**

<b>S R N O</b>	<b>ACAD- YEAR</b>	<b>AUTHOR AND TITLE</b>	<b>PUBLICATION/VOL UME</b>	<b>ISSN /WWW</b>
01	2012-13	<b>Mrs Mager J.E, Shelkikar.R.P.</b> Implementation of robots in spot welding	IOSR Journals Volume 5,	Issue:2,ISSN:2278 -2834, ISBN:2278-8735 , Mar-Apr 2013.
01	2013-14	<b>Mr. khaire G.M, Shelkikar.R.P,</b> “RESOLUTION ENCCHANCEMENT OF	IJAIEM,Volume2,	Issue9/037, 20October2013, ISSN-2319-4847.

		IMAGE WITH INTERPOLATION AND DWT-SWT Wavelet Domain”		
02		Published a paper on “Resolution Enhancement of Image using wavelet domain components and Interpolation”	at the international conference on digital signal and image processing held at Bhubaneswar	on 05 <sup>th</sup> may2013
01	<b>2014-15</b>	<b>Shelkikar.R.P.</b> Comparative study of different methods of finger print matching techniques for privacy protection.	International conference on in engineering science and management. Dattakala Group of Institutions Bhigwan Pune	22,23,&24 March 2015
02		<b>Gavhane.A.B, Shelkikar.R.P.</b> Comparative study of different methods of finger print matching techniques for privacy protection.	ARD IJEET, Volume 3,Issue:2	April 2015, ISSN-2320-883X.
03		<b>Gavhane.A.B, Shelkikar.R.P.</b> “Review of different methods of protecting privacy using fingerprints”	Volume 6,Issue:1,	January 2015, pp.58-64
04		Ravindra. P. Shelkikar, Rawle , Comparative study of various method of super resolution for image reconstruction	International conference on in engineering science and management. Dattakala Group of Institutions Bhigwan Pune.	ISSN:2320-883X 22,23,&24 March 2015
01		<b>Dhage S.G, Shelkikar R.P</b> “ Content based image recovery with moving picture expert group-7”	international journals of advanced research in computer science and software engineering.	volume 5,issue 12, December 2015.
02		<b>Dhage S.G,Shelkikar R.P,Nagalgaonkar.P.P,Kokane Ramesh.R</b> “ Review on content based image recovery with moving picture expert	international journals of advanced research in computer science and software	Volume5, issue 11, December 2015.

		group-7	engineering IJAREEIE, Volume 4, Issue:8,.	
03	<b>2015-16</b>	Review paper based on womens tracking device using concept of "IOT"	Ijaiem, Volume5	Issue 2 , ISSN2319-4847 Feb 2016
04		<b>Gavhane.A.B, Shelkikar.R.P.</b> "Privacy protection of fingerprint by merging two fingerprints and generate new identity"		August 2015, ISSN-2320-3765
05		Ms.Nalini.B.Kolekar, Prof.R.P. Shelkikar, A review on wavelet transform based image fusion and classification.	Ijaiem Volume5	Issue3 ISSN-2319-4847 March2016
06		Review Paper on Atomization of agriculture environment for social modernization of Indian agriculture system	IJAIEEM, Volume 5	Issue 4 -ISSN 2319-4847 April2016 <a href="http://www.ijaiem.org/volume5Issue4/IJAIEEM-2016-05-01-53pdf">http://www.ijaiem.org/volume5Issue4/IJAIEEM-2016-05-01-53pdf</a> .
01		<b>2016-17</b>	Mr.Wagh.N.S, Prof.Shelkikar. "Intelligent Safety & Location Tracking Device For Old Age & Women Using Concept Of Internet Of Things"	in International Journal Of Innovative Research In Science, Engineering And Technology (IJRSET)
02	Ms.Naline B.Kolekar, Prof.R.P.Shelkikar. "A Review on wavelet transform based image fusion and classification		international journals of applications or innovation in engineering and managnement.(IJAI EM)	, Volume 5, Issue3, March 2016.
03	Ms.Naline B.Kolekar, Prof.R.P.Shelkikar. "Decision level based image fusion using wavelet transform and support		international journals of scientific engineering and	ISSN(Online) 2437-3878.

		vector machine”	research(IJAIEM),	
01	2017-18	Ravindra P. Shelkikar, Morphological regularization and Edge preserving super resolution approach based on Novel Bergman Algorithm.	International journal of research (IJR),Vol-04	Issue-08, ISSN:2348-6848 July 2017
02		Ravindra P. Shelkikar, An High Equipped Image Reconstruction Framework based on Morphologic Regularization Approach.	International journal of research (IJR),Vol-04	Issue 14, ISSN:2348-6848 November 2017
03		Ravindra P. Shelkikar, Ofdm papr reduction by switching null subcarriers among data subcarriers	International journal of research (IJR),Vol-04	Issue 14, ISSN:2348-6848 November 2017

#### Conferences and Workshops Publications:

SR NO	ACAD-YEAR	TITLE	DATE AND PLACE
01	2016-17	Writing of Research Paper, Ph.D. Thesis and Project Proposals.	20Dec2016 N.B.Navale Sinhgad College of Engineering, Kegaon Solapur.
01	2017-18	Two days national workshop NWRAME-2017	29 &30 June 2017 TPCTS College of Engineering, Osmanabad
02		Workshop on “Successful Ways For Making Teaching Effective”	4,5&6 July 2017 TPCTS College of Engineering, Osmanabad associated with magic solutions and services Bangalore
03		Workshop on “Mobile Controlled Robot”	TPCTS College of Engineering, Osmanabad associated with magic solutions and services Bangalore

#### Research and Scholarly Contributions:

##### □ M. E. Research:

1. Worked as Project guide
2. Worked as Examiner

#### Software Tools:

## 1. Matlab

### Professional Association:

- Indian Society of Technical Education (ISTE) - Life Member

### Experience:

- Teaching-21 years.

### Responsibilities Handled:

- Worked as associate Lab In charge in IDC Lab
- Worked as a member of Dr. B.A.M.U. Exam. Committee
- Worked as a Class councilor
- Worked as a co chairman for session of "NCAETE-05".
- Working as an Examiner for Practical / oral Exam of Dr.B.M.U.Aurangabad.
- Working as an Examiner for Paper Assessment of Dr.B.M.U.Aurangabad and Government Polytechnic Osmanabad.
- Worked as Chief Superidentent for the exam of Dr.B.M.U.Aurangabad at C.O.E.Osmanabad.
- Worked as Department Training Cell InCharge.
- Worked as a Project InCharge for final year students.
- Worked as Convener /coordinator for Annual Social Gathering.
- Worked as member for Graduation day ceremony.
- Worked as a member of Local Inquiry Committee appointed by Dr.B.A.M.University Aurangabad.
- Organized Three-day workshop on ' **Microcontroller**' jointly organized by Ambekar Associates &E&TC Dept, College of Engineering Osmanabad.

### SESSION CHAIR/JUDGE:

1. Worked as a co-chair for session of "NCAETE-05".
2. Worked as a co-chair for session of " NCSEC-08 "

### Declaration

I hereby declare that the foregoing information are correct and complete to the best of my knowledge.

**Ravindra Pralhad Shelkikar**

Place: Navi Mumbai