



**Walchand Institute of Technology, Solapur**  
**Department of Electronics Engineering**  
**Faculty Publications, Workshops and Seminars**  
**2015-16**

- **Publications by faculty**

<i>Sr. No.</i>	<i>Name of Faculty</i>	<i>Title of Paper</i>	<i>Name, Vol. &amp; number of Proceedings and Year of Publication</i>
1.	Dr. S.R. Gengaje, Ms. D. Maheshwari	Abandoned and removed object detection in a video- An overview	International Journal for Scientific Research & Development, Vol. 3, Issue 5, ISSN: 2321-0613, Jul-15
2.	Dr. S.R. Gengaje, Ms. D. Maheshwari	Abandoned and removed object detection in a video	International Journal of Innovative Research in Science, Engineering and Technology (An ISO 3297: 2007 Certified Organization), Vol. 4, Issue 9; ISSN(Online): 2319-8753 ISSN (Print): 2347-6710, Sep-15
3.	Dr. S.R. Gengaje, Mrs. V. Jabade	Performance evaluation of DWT and FIS based image copyright protection	International Journal of Innovative Research in Computer and Communication Engineering, Vol. 4, Issue 1, ISSN (Online):2320-9801; ISSN (Print): 2320-9798, Jan-16
4.	Dr. S.R. Gengaje, Mrs. V. Jabade	Multi resolution approach for optimizing strength of Watermark in Image Watermarking	International Journal of Latest Trends in Engineering and Technology, Vol. 6, Issue 4, ISSN: 2278-621X, March-16
5.	Dr. S.R. Gengaje, Mrs. V. Jabade	Modeling of geometric attacks for digital image watermarking	International Journal of Innovations in Engineering Research and Technology, Vol. 3, Issue 3, ISSN: 2394-3696, March-16
6.	Mr. A.S. Gundale, Ms. A.S. Bitala	Power aware reliable routing to support real time traffic in mobile ad-hoc network	International Journal for Scientific Research and Development, Vol. 3, Issue 9, ISSN(online) 2321-0613, Nov- 15
7.	Mr. S.B. Jamge, Mr. V. Diddi	A vision based system for monitoring the loss of attention in automotive drivers	International journal of science and research, Vol. 4, Issue 7; ISSN: 2319- 7064, Jul-15

8.	Mr. S.B. Jamge, Ms. R. Gosavi	Optic disc and optic CUP segmentation for glaucoma screening using super pixel classification	International Journal of Advanced Technology and Innovative Research, Vol. 7, Issue 11, ISSN: 2348-2370, Aug-15
9.	Mr. S.B. Jamge, Mrs. Pooja Biradar	An innovative monitoring Application for child safety	International Journal for Scientific Research and Development, Vol. 3, Issue 6, ISSN: 2321 0613, Aug-15
10.	Mr. S.B. Jamge, Mrs. Pooja Biradar	An Innovative Monitoring Application for Child Safety	International Journal of Innovative Research in Science, Engineering and Technology, Vol. 4, Issue 9, ISSN(online): 2319-8753, ISSN(Print): 2347-6710, Sep-15
11.	Mr. S.B. Jamge, Ms. P.A. Devanpalli	Power factor improvement for three phase induction motor using PSoC-3	International Journal for Scientific Research and Development, Vol. 3, Issue 9, ISSN(online): 2321-0613, Nov-15
12.	Mr. P.S. Malge, Ms. A. Jagtap	Secure Image transmission technique based on Mosaic Image and pixel color transformation	International journal of science and research (IJSR), Vol. 4, Issue 8, ISSN(online): 2319-7064, Aug-15
13.	Mr. P.S. Malge, Ms. A. Jagtap	Analytical approach for Mosaic frames creation in video for hiding multiple Secret images for secure image transmission	International Journal of Emerging trends & technology in computer science (IJETTCS), Vol. 4 Issue 5, ISSN: 2278-6856, Sep-15
14.	Mrs. R.J. Shelke, Ms. B. Shende	Digital image watermarking of compressed image using JPEG 2000 and Encryption techniques	International Journal of Innovations in Engineering Research and Technology(IJIERT), Vol. 2 Issue 8, ISSN(online): 2394-3696, Aug-15
15.	Mrs. R.J. Shelke, Mrs. S.S. Apte	A novel approach for image watermarking using DCT and JND techniques	International Journal of Innovations in Engineering Research and Technology(IJIERT), Vol. 2 Issue 9, ISSN: 2394-3696, Sep-15
16.	Mrs. R.J. Shelke, Mr. Y. Gajul	A novel approach to detect Acute Myelogenous Leukemia in Blood Microscopic Images	International Journal for Scientific Research & Development, Vol. 3 Issue 12, ISSN(online): 2321-0613, Feb-16

• **Workshop/Seminar Attended by faculty**

<i>Sr. No.</i>	<i>Name of Faculty</i>	<i>Title of Programme</i>	<i>Period</i>	<i>Organizer &amp; Venue</i>
1.	Dr. S.R. Gengaje	Two days workshop on “Outcomes based Education”	9 <sup>th</sup> & 10 <sup>th</sup> January 2016	BMS College of Engineering, IUCEE & Dr. D.Y. Patil Institute of Engineering & Technology, Pimpri-Pune
2.	Dr. S.R. Gengaje	Two days State level STTP on “WSN Fundamentals and Protocol Design using NS-2 & 3” (WPN-16)	23 <sup>rd</sup> & 24 <sup>th</sup> January 2016	BCUD, Savitribai Phule Pune University & Sinhgad Institute of Technology, Lonavala
3.	Dr. S.R. Gengaje	Matlab Expo 2015	28 <sup>th</sup> April 2015	Mathworks, Pune
4.	Mr. S.A. Utage	Ten days industrial training	7 <sup>th</sup> to 16 <sup>th</sup> December 2015	Solapur Division, Central Railway
5.	Mr. A.S. Gundale, Mr. P.S. Malge, Mr. S.B. Jamge Mrs. R.J. Shelke, Mr. S.C. Kalshetti	Two week ISTE’s Short Term Training Program on “Technical Communication”	8 <sup>th</sup> October to 11 <sup>th</sup> November 2015 & 30 <sup>th</sup> November to 05 <sup>th</sup> December 2015	IIT Bombay under the National Mission on Education through ICT and Organized by WIT, Solapur
6.	Mr. P.P. Tambe, Mr. S.A. Amale	Two days Workshop on “Internet of Things (IOT) based on Raspberry Pi”	20 <sup>th</sup> & 21 <sup>st</sup> February 2016	Solapur University, Vedam Labs Solapur & WIT, Solapur
7.	Mr. P.P. Tambe	One week STTP on “Embedded Linux Development on ARM 9” (ELDARM – 2016)	1 <sup>st</sup> to 5 <sup>th</sup> January 2016	ISTE , Solapur University, NBNCOE, Solapur, Micro Embedded Systems Pune

8.	Mrs. V.S. Patki,	One day Workshop on “Energy Audit”	10 <sup>th</sup> February 2016	Kirloskar Oil Engines Ltd. WIT, Solapur
9.	Mr. P.S. Malge, Mr. R.N. Chavan, Mr. B.D. Shejal, Mrs. R.J. Shelke, Mr. S.C. Kalshetti, Mr. S.A. Utage, Mr. P.P. Tambe, Mrs. M.A. Pasnur, Ms. A.V. Rajput, Mrs. V.S. Patki, Mr. N. Burla Mr. S.A. Amale, Ms. D. Maheshwari, Ms. P.H. Shah	Two months part time e- course on “Educational Technology for Engineering Teachers”	7 <sup>th</sup> January to 7 <sup>th</sup> March, 2016	e-course conducted by IIT Bombay

