



Walchand Institute of Technology, Solapur
Department of Electronics Engineering
Faculty Publications, Workshops and Seminars
2017-18

• **Publications by faculty**

<i>Sr.</i>	<i>Name of Faculty</i>	<i>Title of Paper</i>	<i>Name, Vol. & number of Proceedings and Year of Publication</i>
1	Dr. Gengaje S.R	IRIS Recognition system based on Multi-resolution Analysis and Support Vector Machine	International Journal of Computer Applications, USA; Volume 173 - Issue 7; ISSN: 0975-8887 ISBN : 973-93-80897-87-7; September-2017
2	Dr. Gengaje S.R	Infrared Vein Detection for personal Detection	International Journal of Recent Trends in Engineering and Research (IJRTER); Volume 03, Issue 06; ISSN (online) : 2455-1457; June 2017
3	Dr. Gengaje S.R	Infrared Vein Detection System for Person Identification – An Image Processing Approach	International Research Journal of Engineering and Technology (IRJET); Volume: 04 Issue: 06; e-ISSN: 2395 -0056, p-ISSN: 2395-0072; June -2017
4	Dr. Gengaje S.R	Reconfiguration of Electrical Distribution using Artificial Neural Network	International Journal of Advanced Research in Engineering and Technology (IJARET); Volume 9, Issue 3; Journal Impact Factor (2016): 8.8297 Calculated by GIS; ISSN Print: 0976-6480, ISSN Online: 0976-6499; May-Jun 2018

5	Dr. Mrs. R.J. Shelke	A Steganography Scheme for Information Hiding in Higher Gradient Pixel Pairs	International Journal of Advance Research in Science and Engineering (IJARSE); Volume No. 6, Issue No. 8; ISSN (O):2319-8354 ISSN(P); 2319-8346 Impact Factor: 2.83; August-2017
6	Dr. Mrs. R.J. Shelke	Brain Tumor Classification and Segmentation using PNN & FCM Clustering	International Journal of Innovative Research in Computer and Communication Engineering; Volume 06, Issue 4; ISSN (Online) 2320-9801 ISSN (Print): 2320-9798; April-2018
7	Dr. Mrs. R.J. Shelke	Brain MRI Segmentation and Classification using ANN	International Journal for Scientific Research & Development (IJSRD); Volume 5, Issue 10; ISSN (Online): 2321 0613 ; December 2017
8	Dr. Mrs. R.J. Shelke	Steganography in Skin Tone Region of Image using DWT	International Journal for Scientific Research & Development (IJSRD); Volume 6, Issue 3; ISSN (Online): 2321 0613 ; May 2018
9	Dr. Mrs. R.J. Shelke	A Steganography on Bio Metric Image Using DWT	International Journal For Research & Development In Technology (IJRDT); Volume-9, Issue-6; ISSN: - 2349-3585; June-2018
10	Dr. Gajbhar Shrishaail Sharad	Image Denoising using Tight Frame Dual-Tree Complex Wavelet Transform	International Conference on Machine Intelligence and Signal Processing (MISP 2017); ISBN: 978-981-13-0922-9; 22-24, December, 2017; IIT, Indore
11	Dr. Gajbhar Shrishaail Sharad	Design of Biorthogonal Wavelet Filters of DTCWT using Factorization of Halfband Polynomials	National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics (NCVPRIPG 2017); 16-19

			December, 2017; IIT, Mandi
12	Mr. A.S. Gundale	Sensor Network and Its Power Management using POE	International Research Journal of Engineering and Technology (IRJET); Volume: 04 Issue: 08; e-ISSN: 2395-0056; August-2017
13	Mr. A.S. Gundale	Raspberry Pi Based Energy Efficient LAN	International Journal of Recent Trends in Engineering & Research (IJRTER); Volume 03, Issue 12; ISSN: 2455-1457; December-2017
14	Mr. A.S. Gundale	User Specific Channel Assignment Algorithms In Wlan	Review Of Research; Volume - 7 Issue – 4; ISSN: 2249-894X; Impact Factor : 5.2331(UIF); January-2018
15	Mr. P.S. Malge	Local Prediction Based Reversible Watermarking	International Journal of Innovative Research in Computer and Communication; Volume 05, Issue 11; ISSN (Online) 2320-9801 ISSN (Print): 2320-9798; November-2017
16	Mr. P.S. Malge	Application and Analysis of Unified Data Embedding & Scrambling Method	International Journal for Scientific Research & Development (IJSRD) Volume 5, Issue 12 ISSN (Online): 2321 0613 Febraury 2018
17	Mrs. V.S. Patki	IoT Based home automation system using NodeMCU ESP8266 module	International Journal of Advance Research and Development (IJARnD); Volume No.3, Issue No. 3; March 2018

• **Workshop/Seminar Attended by faculty**

<i>Sr. No.</i>	<i>Name of Faculty</i>	<i>Title of Programme</i>	<i>Period</i>	<i>Organizer & Venue</i>
1	Dr. S.R. Gengaje	Session Chair for Signal Processing Applications, IEEE 3rd International Conference On Computing, Communication, Control And Automation (Session conducted on 17 august 2017)	17 & 18 August, 2017	Pimpri Chinchwad College of Engineering, Pune
2	Dr. S.R. Gengaje	Resource Person for Two day workshop on 'Outcome Based Education'	December 29, 2017.	Indira College of Engineering and Management, Pune
3	Dr. S.R. Gengaje	Chief Guest for Solapur University Workshop – One day State Level Workshop on B.Sc. III (CBCS) pattern in Mathematics	January 20, 2018	DBF Dayanand College of Arts & Science, Solapur
4	Dr. S.R. Gengaje	Resource Person for One Day Workshop on 'Framing and attainment of CO,PO and PSO	October 10, 2017	AISSMS COE, Pune
5	Dr. S.R. Gengaje	Chief Guest for One day University level Workshop on B.Sc. II (CBCS) pattern syllabus – Chemistry, Botany, Geology & B.Sc. III (CBCS) Pattern Syllabus in Physics	January 20, 2018	DBF Dayanand College of Arts & Science, Solapur
6	Dr. S.R. Gengaje	Two day National level workshop on Computer Aided Diagnosis with Deep Learning Architecture	February 17 & 18, 2018	VIT Pune
7	Dr. S.R. Gengaje, Dr. Mrs. R.J. Shelke, Mr. R.N. Chavan, Mr. S.C. Kalshetti, Mrs. M.N. Shrigandhi (Ms.	Workshop on Framing syllabus for T.E. (Electronics & Telecommunication and Electronics Engineering) CBCS- Part- I & II	14th March, 2018	Walchand Institute of Technology, Solapur

	M.A. Pasnur), Mr. S.S. Gajbhar			
8	Dr. S.R. Gengaje, Mr. P.S. Malge, Dr. Mrs. R.J. Shelke, Mr. R.N. Chavan, Mr. S.C. Kalshetti, Mr. P.P.Tambe, Mr. S.A. Utage, Mrs. V.S. Patki	FDP (FDP 101x) on Foundation Program ICT for Education	3 Aug 2017 to 7 Sept. 2017	By IIT Bombay, Remote Centre at W.I.T. Solapur
9	Dr. S.R. Gengaje, Mr. P.S. Malge, Dr. Mrs. R.J. Shelke, Mr. R.N. Chavan, Mr. S.C. Kalshetti, Mr. P.P.Tambe, Mr. S.A. Utage, Mrs. V.S. Patki	FDP (FDP 201x) on Pedagogy for Online and Blended Teaching- Learning Process	14 September to 12 October 2017	By IIT Bombay, Remote Centre at W.I.T. Solapur
10	Dr. Mrs. R.J.Shelke	Distinguished Facilitator event of Inspire Faculty Excellence Awards 2017	23rd Sept, 2017	Infosys Campus Connect, Pune
11	Dr. Mrs. R.J.Shelke	One Day National workshop on "Revised Assessment & Accreditation Methodology of NAAC"	5th Nov.2017	D.B.F.Dayanand College of Arts and Science,Solapur
12	Mr. P.S. Malge, Dr. Mrs. R.J. Shelke, Mr. R.N. Chavan, Mr. S.C. Kalshetti, Mr. P.P.Tambe, Ms. M.A. Pasnur, Ms. P.H. Shah, Ms. B.D. Indi, Mr. E.R. Chandane, Mr. Y.A. Gajul	One day Workshop on "Scilab- Lecture Demonstration"	12-Oct-17	By IIT Bombay, Remote Centre at W.I.T. Solapur
13	Ms. P.H. Shah,	Two day Weekend Training Programme , "Saptahaant	16-17 th December,	Saptahaant Shikshak Prashikshan (SSP) by

	Mr. Y.A. Gajul	Shikshak Prashikshan (SSP)" on "Introduction to Machine Learning"	2017	IIT,Kharagpur at WIT Solapur
14	Ms. P.H. Shah	8 Week NPTEL Online Course on Introduction to Modern Application Development	24 July- 18 September , 2017	IIT Madras, NPTEL and Hasura Foundation

