RESUME

1. Full Name	:	**PROF. DR. PRAVIN SAHEBRAO PATIL**

2. Contact information : **Professor & Head of Department**

Department of E&TC Engineering

S.S.V.P.S's B.S. Deore college of Engg. Deopur, Dhule

Taluka-Dhule, Dist – Dhule, Pin No. 424001.

Correspondence Address : 03. "Saheb" Satsang Colony, Near Leva Bhavan, Behind ITI

Hostel, Deopur, Taluka-Dhule,

Dist – Dhule, Pin No. 424001

3. E-mail id : pspatil777@gmail.com

4. Tele-Phones **: 9422296279** Land Line No.(02562)-273452

5. Education Qualification : **B.E. (E&TC)-** Marathwada University, Aurangabad- 1989

M.E.(Control & Instrumentation)- M.N.N.I.T. Allahbad- 1995

Ph.D. (E&TC)- North Maharashtra University, Jalgaon-2013

6. Teaching Experience : **35 Year**

7. Area of Research/Expertise: Image Processing, Multimodal biometrics, Communication Engineering.

8. Awards/Fellowships/prizes received: International Institute for social and economic Reforms, Bengaluru Present **"Dr. APJ Abdul Kalam Lifetime Achievement National Award"** for distinguished

contributions to the development of the Nation and achieving outstanding excellence in the field of Teaching, Research and Publications on 29th February 2020 at Bengaluru.

9**. Educational Qualification:**

Sr. No.	Title of Degree	Board/Univ.	Year	Subject	% of Marks
1	**Ph.D. (E&TC)**	North Maharashtra University, Jalgaon	Registered- (28 Dec,2008), Issuing Notification (10,August,2013)	Electronics and Telecommunication Engineering	
2	**M.E.(C&I)**	M.N.N.I.T. Allahbad	1993-95 (5 March,1995)	Control & Instrumentation	68.12%
3	**B.E. (E&TC)**	Marathwada University, Aurangabad	1986-89 (10 August,1989)	Electronics &Telecommunication.	62.30%
4	**D.E.E. (Electrical)**	Board of Technical Education, Mumbai	1983-86 (1 August,1986)	Electrical Engg.	61.4%
5	**D.B.M./ M.M.S.**	University of POONA	1991-93 (12thAugust, 1993)	Management Science	61.4%

10. Details of Job:

Sr. No.	Name of Employer	Designation	From	To
1	Bharti Vidyapith's Institute Technology & Pharmacy, New Bombay	Lecturer	1 Sep.,1989	30 April,1990
2	S.S.T. College of Engg. & Technology, Bambhori, Jalgaon	Lecturer	11July,1990	30 Aug.,1993
3	S.S.V.P.S's B.S. Deore college of Engg. Deopur, Dhule	Lecturer	25 Aug.,1994	31 Dec.,1998
4	S.S.V.P.S's B.S. Deore college of Engg. Deopur, Dhule	Sr. Lecturer	1 Jan.,1999	10 Nov.,2003
5	S.S.V.P.S's B.S. Deore college of Engg. Deopur, Dhule	Assistant Professor	11Nov.,2003	30 June, 2011
6	S.S.V.P.S's B.S. Deore college of Engg. Deopur, Dhule	Associate Professor	1,July 2011	30 Aug.,2013
7	S.S.V.P.S's B.S. Deore college of Engg. Deopur, Dhule	Professor	1 Sep.,2013	Till date

11. Details of Approval of Services in Teaching:

Sr. No.	Designation	From	To	University letter No. & Name of University
1	**Lecturer**	25 Aug.,1994	11 Nov.,2003	NMU/96/5/Approval/749 Dated- 12, Jan. 1996 North Maharashtra University
2	**Assistant Professor**	11 Nov.,2003	31 Aug.,2012	NMU/18/09/1337/2006 Dated 18, Aug. 2006 North Maharashtra University
3	**Post Graduate Teacher**	12 Dec.,2006	Till date	NMU/11/PGR/Engg./246/2008 Dated 4, Feb.2008
4	**Professor**	1 Sep.,2012	Till date	NMU/18/1552/2014 Dated 9, Dec.2014

12. Number of Ph.D. Students Completed: **06 (In Process) + 02 (Thesis Submitted)** = **Total 8**

13. Number of PG Students Completed: **Total 10 (Degree Awarded)**

14. Publications (No of Papers):

		National	International	Total
(a) Journals	:	**00**	**36**	**36**
(b) Conference Proceedings	:	**16**	**16**	**32**

15. Book / Book Chapter Published: **Total 03**

16. Patents**: Indian Patent : 14**

Sr. No	Title of the Book	Name of the Publisher with address	International/National/Chapter in edited book/ Book by International Publisher
1	"Crop field Monitoring Using IoT and Machine learning" ISBN :978620616396	LAP LAMBERT Academic Publishing,OmniScriptum S.R.L. Str. Armeneasca 28/1, office 1, Chisinau-2012, Republic of Moldova	International Publisher
2	Computational Method for Cotton Plant Disease Detection of Crop Management Using Deep Learning and Internet of Things Platforms	BOOK CHAPTER:Part of the Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT,volume 53) e-ISSN 2367-4520, Print ISSN 2367-4512 Springer	International Publisher
3	Performance Evaluation of Hierarchical Clustering Protocols in WSN Using MATLAB	BOOK CHAPTER:Part of the Lecture Notes in Networks and Systems book series (LNNS,volume 213) e-ISSN 2367-3389,Print ISSN 2367-3370, Springer	International Publisher

16. Patents: **Indian Patent : 14**

Sr. No.	Title of Patent	International/National	Year	Patent/Technology Transfers
1	BRAILIZER-AUTOMATED BRAILLE PRINTER BASED ON VOICE COMMAND" Application No.201921022887 A	National	2019	**Patent**
2	Deep Learning based Multi-National Currency Note Identification Kiosk for Foreign Exchange Services, Application No.201921038679 A	National	2019	**Patent**

5	Ultrasound Machine, Patent No.380968-001	Indian	2023	**Patent**
6	Microscopic Image Based Disease Classification System , Application number: 202321032357	Indian	2023	**Patent**
7	An Efficient Multiclass Classification of Skin Cancer Using Optimized Vision Transformer. Application number :- 202321048235	Indian	2023	**Patent**
8	Multiband DGS Slot Antenna for Wireless Application, Patent No- C.B.R. No.206747	Indian	2023	**Patent**
9	Slot Antenna for Wireless Application, Application No-376627-001	Indian	2023	**Patent**
10	Multilevel Thresholding Segmentation based on Horse Optimization Algorithm"	Indian	2023	**Patent**
11	Energy Optimization of WSN using Clustered Algorithm	Indian	2022	**Patent**
12	Person Identification Using Periocular Biometrics with Hybrid CNN	Indian	2023	**Patent**
13	An Efficient Multiclass Classification of Skin Cancer Using Optimized Vision Transformer- Application No- 202321048235	Indian	2023	**Patent**
14	Meta-heuristic Assisted Hybrid Deep Learning Model for Cotton Disease Prediction An Internet of Things based Application, Application No- 202421001729	Indian	2024	**Patent**

17. University Level Duties (Other than teaching):

Sr. No.	Position Held	Responsibilities
1	**Head E&TC**	Administration
2	**Enquiry Committee Chairman**	To conduct the enquiry of Faculty member and submit the Report to University.
3	**BOS Member**	Board of Studies in Electronics Engineering at Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
4	**External examiner**	Appointed as External Examiner for Ph.D. by others universities
5	**Ph.D. Guide**	Appointed as a Ph.D. Guide by North Maharashtra University
6	**Local Inspection committee (L.I.C.)**	Worked as Member of Local Inspection committee (L.I.C.) appointed by the Hon'ble Vice Chancellor of North Maharashtra University
7	**Subject Expert**	Worked as subject expert for Assistant Professor/ Associate Professor/Professor selection committee as per University status 415[1] appointed by the Hon'ble Vice Chancellor of North Maharashtra University.
8	**Conference Session chair**	Working as a session chair in International & National conferences
9	**Conference Organizer**	Working as organizing committee member for International & National conferences
10	**Judge**	Appointed as a judge in various project competitions organized by universities & colleges
11	**Coordinator "SPANDAN-2006**	Management of Press and Coverage for Intercollegiate Mega Event and Annual Social Gathering
12	**Coordinator "SPANDAN-2008**	Worked as Judge Committee Chairman for college Cultural Program
13	**Chief Coordinator "SPANDAN-2010"**	Management of State-level Intercollegiate Mega Event and Annual Social Gathering
14	**Chief Coordinator "SPANDAN-2013"**	Annual Social Gathering
15	**Coordinator for "KG to PG-2014"**	Management and Dias preparation.

18. Details of Conference/Training Programme Organized as Coordinator /Secretary:

Sr. No.	Title/Place/Sponsored	Duration
1	"Peregrination-2007" worked as Coordinator of Monitoring and discipline Committee	11-12 Jan.,2007
2	One week STTP on "Effective Teaching" Worked as chief Coordinator at S.S.V.P.S.B.S.Deore college of Engineering, Dhule	23-27 June,2009
3	Three days workshop on "Faculty Development and Motivation" worked as chief Coordinator at S.S.V.P.B.S.Deore College of Engineering, Dhule	25-27 June,2009
4	National Conference on "Emerging Recent Trends in Computer Engg., Communication, Information Technologies" (NCERT-2010), Worked as Organizing committee Member	19-20 Feb.2010
5	International Conference on Sunrise Technologies(i-cost 2011) , Worked as Organizing committee Member and Coordinator for Departmental Committee	13-15 Jan.2011
6	National Level One-week Online FDP on Emerging Trends in Quantum Computing, Embedded System, Blockchain and Imaging (ETQCESBI-2024) (ISTE Sponsored)	31 Jan.-5 Feb.,2024
7	International Conference on VLSI, Communication, Computing and Material Technology (Hybrid Mode) (VCCM-2024)	15-16 June,2024

19. Details Short Term Training Programme/Refresher Course Attended:

Sr. No.	Name of Institute	From	to	Title
1	S.S.V.P.S's B.S. Deore college of Engg. Deopur, Dhule	22 Dec., 2010	26 Dec.,2010	"Research Methodology"
2	S.N.J.B.'s K.B.J. College of Engineering, Chandwad	7 Sep., 2009	11 Sep., 2009	"Wipro Mission 10x"

3	S.S.B.T.'S College of Engineering, Bambhori, Jalgaon	30 Mar.,2009	3 April,2009	"Emerging Trends in Digital Signal Processing and Communication"(AICET-ISTE Sponsered)
4	S.S.V.P.S's B.S. Deore college of Engg. Deopur, Dhule	1 April ,2002	12 April,2002	"Incubating Entreprenuer's Spirit" (I.S.T.E.approved)
5	Govt. Polytechnic, Dhule	1 May,2002	30 June,2002	Maharashtra State Certificate Course In Information Technology (MSCIT) Registation No.A-102040578

20. Detail of Workshop Attended: Total No.-18

Sr. No.	Name of Institute	From	To	Title
1	One day Workshop on "National Assessment and Accreditation Council" and Maharashtra University Act-2016 at Deogiri College of Art, Science and Commerce, Aurangabad	31 Aug., 2017	31 Aug., 2017	"National Assessment and Accreditation Council and Maharashtra University Act-2016"
2	One day Workshop jointly held by CTARA,IIT Bombay and M.I.T. Aurangabad	19 Sep.,2017	19 Aug., 2017	"Orientation Program on Unnat Maharashtra Abhiyan"
3	One day Workshop organized by S.S.V.P.S's B.S. Deore College of Engg. Deopur and North Maharashtra University, Jalgaon	10 Oct.,2015	10 Oct.,2015	"On screen Evolution"
4	One day Workshop jointly Organized by Faculty of	14 Feb.,2015	14 Feb.,2015	"Syllabus Framing of B.E. Electonics & Telecommunication for North

	Engineering, N.M.U. Jalgaon and S.G.D.C.O.E. Jalgaon			Maharashtra University, Jalgaon
5	One day Workshop jointly Organized by Faculty of Engineering, N.M.U.Jalgaon and R.C.P.I.T.,Shirpur	17 Feb.2014	17 Feb.2014	"Syllabus Framing of T.E. Electronics & Tele. for North Maharashtra University, Jalgaon
6	Two days AICTE Sponsored National level seminar conducted Dept. of E&TC,S.S.B.T.'S College of Engineering, Bambhori Jalgaon	18 Oct.,2013	19 Oct.,2013	"Application of Wavelet Transform in Image Processing"
7	One day Workshop jointly held by B.A.M .U. and M.I.T. Aurangabad	21 April,2012	21 April,2012	"Opportunities in DRDO"
8	Two days Workshop jointly conducted by Virtual Labs(Electronics) IIT, Bombay and R.C.Patel Institute of Technology, Shirpur	15 Oct.,2011	16 Oct.,2011	"Virtual DSP Lab"
9	One day Workshop Conducted by TATA Consultancy Services as part of academic Interface Programme at Pune	31 July,2011	31 July,2011	"Faculty Development Programme"
10	One day Workshop jointly Organized by Faculty of Engineering, N.M.U.Jalgaon and Shri Santa Gadge Baba College of Engineering & Technology, Bhusawal	24 July,2010	24 July,2010	"Syllabus Framing For Post Graduate Course In Electronics & Communication Engineering (Communication)"for North Maharashtra University, Jalgaon
11	Two days Workshop organized by Wipro at S.N.J.B.'s K.B.J.	2 March,2010	3 March,2010	"Wipro Mission 10x Program"

	College of Engineering, Chandwad			
12	One day Workshop jointly Organized by Faculty of Engineering, N.M.U.Jalgaon and S.S.B.T. College of Engg. &Technology, Bambhori, Jalgaon	17 July,2009	17 July,2009	"M.E.(E&TC) in Digital Electronics Syllabus Framing"
13	Two days Workshop organized by K.K.Wagh Institute of Engg. Education & Research, Nasik in association with INDO-US collaboration for Engg. Education(IUCEE) and AMUEC	8June,2009	9June,2009	"Effective Teaching through Curriculum Innovation"
14	Two days Workshop organized by Dale Carnegie & Associates, Inc.Trainer and Wipro at S.N.J.B.'s K.B.J.College of Engineering, Chandwad	7 Sep.,2009	9 Sep.,2009	"High Impact Teaching Skills"
15	One day Workshop jointly Organized by Faculty of Engineering, N.M.U.Jalgaon and J.T.Mahajan College of Engineering, Faizpur.	17Aug.,2007	17Aug.,2007	"Syllabus Framing of Electonics & Telecommunication, Electonics & Communication, Electronics and Industrial Electronics Engineering" for North Maharashtra University, Jalgaon
16	Three days Workshop organized by S.S.V.P.S's B.S. Deore college of Engg.& Polytechnic Deopur, Dhule in	26 July,2007	28 July,2007	" Workshop On Advance Communication, Embeddeed Systems, Image Processing and VLSI"

Sr. No.		Start	End	
	association with Prashant Distributor, Pune			
17	One day Workshop organized by S.S.V.P.S's B.S. Deore college of Engg.& Polytechnic Deopur, Dhule in association with Builder Association of India, Dhule and Contractors Association, Dhule	13 Sep.,2003	13 Sep.,2003	"Effective Housing and Energy Management"
18	Two days Workshop organized by S.S.V.P.S's B.S. Deore college of Engg.& Polytechnic Deopur, Dhule Under the auspices of Campus diversity initiative project.	25 July,1998	26 July,1998	"Personality Development And Communication Skills"

21. Details of Paper Presented in International & National Conferences:

Sr. No.	Title of Paper	Title of Conference	Organizer of Conference & Place	Duration of Conference
1	"Computational method for cotton plant disease detection of crop management using Deep Learning and Internet Of Things platforms	Springer Conference-ICECMSN-2020	Sir M. Visvesvaraya Institute of Technology, Bangalore, India	20-21 Feb 2020
2	'Performance Evaluation of Hierarchical Clustering Protocols in WSN using MATLAB"	Springer Conference - ICISS-2021	Tamil Nadu, India	24 Aug. 2021
3	A Review on Person Identification using Periocular Biometrics	Springer Conference - IDEA-2K22	RGPV Bhopal	23-24 Dec. 2022

4	A Review on Diagnosis of Brest Cancer using Histopathological Images	Springer Conference - IDEA-2K22	RGPV Bhopal	23-24 Dec. 2022
5	Multiband Slot Antenna with DGP for Future Wireless Application	IEEE conference-Industry 4.0 Technology (14Tech)	Pune, India	23/24 Sept. 2022
6	Review of Design & Development of Filtering Antenna for Bandwidth Enhancement	ICETET-2021	Pune, India	7-8 July 2021
7	A Review on Thresholding Segmentation based on Horse Optimization Algorithm	ICET-23	National Institute of Engineering and Research, Ajmer (India)	22 Jan 2023
8	A Novel Hybrid Deep Learning Model for Cotton Disease Predication using IOT Based Platform	ICDTV:2030	NMIMS University , Shirpur	17-18 Feb 2024
9	Skin Cancer Classification Using Vision Transformer	ICFTSEM-2024	India	23-24 Feb 2024
10	''Robust Person Identification System based on Human Iris"	7th IEEE International Conference on "Information ,Communication &Signal Processing (ICICS-2009)"	IEEE, Macau(China)	7-8 Nove.,2009
11	"Iris Recognition based on Histogram Analysis"	International Conference on Instrumentation(ICI-2009) and	Cummins College of Engineering for women,Pune and	21-23 Jan.2010

		National Symposium on Instrumentation(NSI-34)	Instruments Society of India.	
12	"The Performance Evaluation of CBIR System based on Phase Congruency"	International Conference on "Signal System and Communication"(ICSSC-2009)	Anna University, Chennai and IEEE	3-5 April, 2009
13	"Iris Recognition based on 2D Log Gabor wavelet Filter and Feature Fusion"	International Conference on "Emerging Trends in Engineering"(PIC ETE-2008)	Sponsored by University of Pune,and Co-sponsored by AICET,IICE at Pravara Rular Engineering College,Loni Ahamadnagar	20–22 Dec.,2008
14	"A Novel Method for Automatic IRIS Image Acquisition and Preprocessing"	International Conference on "Science,Enginne ering and Spirituality."(ICS ES-2010)	Computer Society,IEEE Bombay section and Co-sponsored by MIR Lab(USA) and Oakland University(USA) at S.E.S.College Navalnagar (M.S.) India	1-2 April,2010
15	"Discrete Wavelet Transform for Image Enhancement" Paper ID-509	4 th International Conference on "Recent Trends in Engineering and Technology"(ICR TET-2015)	S.N.J.B.'s K.B.J.College of Engineering,Chandwad Dist-Nasik	2–4 July,2015
16	"Brain Tumor Detection and area Calculation of	Conference on "Wireless	Sponsored by Savitribai Phule Pune	30 April,2015

	Tumor in Brain MR Images using Clustering Algorithms"	Communication and Android Application" WiCAA-2015	University and organized by K.V.N.Naik Institute Engineering Education and Research (KVNNIEER)	
17	"Independent Components Analysis Applied on Chest X-Ray"	National Conference on "Advances in Communication and Computing"(NC ACC'12)	In association with World Journal Science and Technology at S.E.S.R.C.P.I.T.Shirpur (M.S.)	21 April,2012
18	"Recession-Global Economy Melt Down"	National Conference on "ILLS &PILLS of Recession"(NCIPR-2010)	Dept.of Management S.S.V.P.S's B.S. Deore college of Engg. Deopur, Dhule	19 -20 Feb.2010
19	"Automated Shoe Print Recognition using Rotation & Intensity Invariant Shoeprint Matching"	National Conference on "Recent Trends in Computer Engg., Communication, Information Technology & Management"(N CRT-2010)	Dept.of Computer,S.S.V.P.S's B.S. Deore college of Engg. Deopur, Dhule	19-20 Feb.2010
20	"An Efficient and Accurate IRIS Localization Algorithm"	National Conference on "Signal Processing, Exceeding	Marathwada Institute of Technology, Aurangabad	5-6 March,2009

		Technological Horizon"(NCSP-2009)		
21	"Iris Recognition Algorithm Based on Phase based Image Matching	National Conference on "Signal Processing, Exceeding Technological Horizon"(NCSP-2009)	Marathwada Institute of Technology, Aurangabad	5-6 March,2009
22	"A Novel Approach for IRIS Recognition based on Independent Component Analysis"	National Conference on "Emerging Trends in Advanced Communication &Electronics System"(ACES-2009)	Jawaharlal Nehru College of Engineering, Aurangabad	8-9Jan.,2009
23	"An Efficient Method for the Personal Identification from an IRIS Texture Analysis"	National Conference on "Current Trends in Technology"(NU CONE-2008)	Nirma Institute of Technology, Ahmadabad	27-29Nov.2008
24	"A Novel Approach for IRIS Localization Based on Wavelet Network"	National Conference on "Electronics, Communication & Automation"(NC ECA-2008)	Dept. of Electonics & Telecommunication , Shri Vithal Education & Research Institute's College of Engineering, Pandharpur, Dist-Solapure,	23-24 Dec.2008

25	"A Review of Turbo Coded pie/4 DQPSK"	National Conference on "Engineering Trends in Electronics"(NCETE-2006)	Dept. of Electronics & telecommunication ,Maharashtra Academy of Engineering, Alandi(D),Pune	28-30 Dec.2008
26	"Power Loom Data and Breakage Monitoring"	National Conference on "Recent Trends In Technology"(RTIT-06)	Dept. of Electronics & telecommunication J.T.Mahajan College of Engineering, Faizpur.	20-21 Nov.2006
27	"Efficient and Low Complexity Digital Image Processing with Set Partitioning Embedded Block Coder"	National Conference "TSyGECA-06"	Dept. of Electonics & Telecommunication,Government College of Engineering, Auragabad	23-24 Jan.2006
28	"Network Security Through Intrusion Detection"	National Conference "TSyGECA-06"	Dept. of Electonics & Telecommunication, Government College of Engineering, Auragabad	23-24 Jan.2006
29	"Efficient Energy Management with Varible Frequency Speed Drives."	National Conference on " Recent Tends Power Systems"(NCRTPS-2005)	Jawaharlal Neharu Technical University, Hyderabad	30 Nov.-01Dic.2005
30	"Fuzzy based D.C.Motor Controller Systems: An Approach"	National Conference on "Emerging	Dept. of Mechanical/Production &Electronics	23-24 July,2004

		Trends In Mechatronics" (NCETM-2004)	Engineering Marathwada Institute of Technology, And Maharashtra Institute of Technology, Aurangabad	
31	"Role of Advance Electronics Circuit in Controlling Operation of Various types of Electro-Mechanical Systems"	National Conference on "Emerging Trends In Mechatronics" (NCETM-2004)	Dept. of Mechanical/Production &Electronics Engineering Marathwada Institute of Technology, And Maharashtra Institute of Technology, Aurangabad	23 -24July,2004
32	"Challenges In Wireless Mobile Computing Neworks"	National Conference on "Recent Trends In Computer Communication and Networking" (RTCCN-04)	Dept. of Electronics & Telecommunication Engg., Computer Science & Engineering, Information Technology Dept.Jawaharlal Darda Institute of Engg.&Technology, Yavatmal	2-3July, 2004

22. Paper Published In Journals:

Sr. No.	Title of the paper with Page Nos.	Journal name with ISBN/ISSN No	Peer-Reviewed or UGC listed Journals	Impact Factor
1	An Efficient Multi-Class Classification of Skin Cancer Using Optimized Vision Transformer	Medical and Biological Engineering and Computing[Journal of the International Federation for Medical and Biological Engineering) I	SCIE, SCOPUS	3.2
2	Rapid tri-net: breast cancer classification from histology images using rapid tri-attention network	Multimedia Tools and Applications-Springer	SCIE, SCOPUS	3.6
3	Multi-level thresholding segmentation based on leavy horse optimized machine learning approach	Multimedia Tools and Applications-Springer	SCIE, SCOPUS	3.6
4	An automated hybrid attention based deep convolutional capsule with weighted autoencoder approach for skin cancer classification	The Imaging Science Journal-Taylor & Francis, Print ISSN: 1368-2199 Online ISSN: 1743-131X	SCI, SCOPUS	2.0
5	Person Identification System Using Periocular Biometrics Based On Hybrid Optimal Dense Capsule Network	International Journal of Pattern Recognition and Artificial Intelligence,ISSN (print): 0218-0014	ISSN (online): 1793-6381	SCIE, SCOPUS	1.5
6	A Theoretical Review of Topological Organization for Wireless Sensor Network	International Journal of Electronics and Telecommunications, eISSN 2300-1933, print ISSN 2081-8491	SCOPUS	0.7
7	IOT based smart classroom with google assistant, P. NO. 226-237	International Journal of Control and Automation ISSN:2005-4297 12 (5), 226-237	Peer-Reviewed / Scopus	
8	IOT based pollution monitoring system	International Journal of Control and Automation ISSN:2005-4297, Vol.12, No.5,2019,PP.327-334	Peer-Reviewed / Scopus	
9	A Review on IOT based pollution monitoring system	International Journal of Computer Science and Network (IJCSN) Vol.8,Issue4,August2019,ISSN(online)2277-5420	Peer-Reviewed / Scopus	

10	Resolution enhancement double satellite images density dual tree complex wavelet transform and nonlocal means	International journal of Innovative Research in Electronics, Electrical, Instrumentation and control Engineering. Print-ISSN-2321-5526-5526 Online- 2321-2004	Peer-Reviewed	8.021
11	"Analysis of SWT-SVD digital Image Watermarking Technique"	International Journal of Advanced Research in Computer and Communication Engineering ISSN (online):2278-1021	Peer-Reviewed	8.102
12	"Copy move image forgery detection using SIFT "	Oriental Journal of Computer Science &Technology ISSN: 0974-6471,	Peer-Reviewed	
13	"An efficient facial expression recognition using curvelet transform based RLBP and distinct LPB feature"	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control engineering ISSN (online): 2321-2004	Peer-Reviewed	
14	"Comparative Study of SWT-SVD and DWT-SVD Digital Image Watermarking Technique"	International Journal of Computer Applications ISSN: (0975 – 8887), may 2017	Peer-Reviewed	
15	"Facial expression recognition algorithm based on KNN classifier"	International Journal of Computer Science and Network, ISSN (online): 2277-5420	Peer-Reviewed	
16	"Abandoned Object Detection using Temporal Consistency Modeling"	International Journal of Computer Applications ISSN(online):(0975 – 8887)	Peer-Reviewed	
17	Abandoned Object Detection with Region of Interest"	International Journal of Soft Computing and Engineering ISSN: 2231-2307	Peer-Reviewed	

18	An efficient human recognition using background subtraction and bounding box technique for surveillance system	International journal of computer sciences and engineering open access volume-4, issue-12 ISSN: 2347-2693	Peer-Reviewed	
19	Iris recognition using gray level co-occurrence matrix and hausdorff dimension	international journal of computer applications (0975 – 8887) volume 133 – no.8, January 2016	Peer-Reviewed	
20	Comparative study of iris feature extraction algorithm"	International Journal and Magazine of Engineering Technology, Management and Research (IJMETMR) ISSN no:2320-3706	Peer-Reviewed	
21	" Iris classification based on fractal dimensions box counting method"	International Journal for Computer Application (IJCA) ISSN:0975_8887	Peer-Reviewed	
22	"Brain Tumor Detection and Area Calculation of Tumor in Brain MR Images using Clustering Algorithms"	IOSR Journal of Electronics and Communication Engineering	Peer-Reviewed	
23	Research on Iris Region Localization Algorithms"	International Journal of Engineering Research and Application(IJERA) e.ISSN:2248-9622ISO:3297-2007	Peer-Reviewed	
24	" Iris Recognition Based on Subspace Analysis"	International Journal for Computer science and Engineering(IJCSE) e.ISSN:0975-3397 Print ISSN:2229-5631		
25	Robust Iris Recognition Based on Orientation Field"	International Journal for Computer Application(IJCA) ISSN:0975-8887	Peer-Reviewed	
26	"Dual Feed Triangular Slotted Microstrip Patch Antenna"	International Journal of Advanced Research in Electrical, Electronics, and Instru. Engineering(IJAREEIE) e.ISSN:2278-8875 Print ISSN:2320-3765	Peer-Reviewed	

27	Iris Recognition Based on Gaussian-Hermite Moments"	International Journal for Computer science and Engineering(IJCSE) e.ISSN:0975-3397 Print ISSN:2229-5631	Peer-Reviewed	
28	"Performance Evaluation Of Iris Recognition And CBIR System Based On Phase Congruency	International Journal for Computer Application(IJCA) ISSN:0975-8887 Impact factor:0.82	Peer-Reviewed	
29	The Comparison of Iris Recognition Using Principal Components, Gabor and Log-Gabor Wavelets"	International Journal for Computer Application(IJCA) Impact factor-0.82 ISSN:0975-8887 Citation-20	Peer-Reviewed	
30	Wireless Power Transmission(WPT)"	International Journal of Emerging Technologies And Applications in Engineering Technology and Sciences(IJ-ETA-ETS) ISSN:0974-3588		
31	Robust Person Identification System Based on Human Iris"	International Journal for Engineering Research and Industrial Application(IJERIA) ISSN:0974-1518 Impact Factor-0.22,Citation-1	Peer-Reviewed	
32	"Independent Component Analysis Applied on chest X-ray"	World Journal of science and Technology 2(4) pp.170-173 ISNN:2231-2587	Peer-Reviewed	
33	"Flexible Optical Fiber Wireless Network"	International Journal of Emerging Technologies And Applications in Engineering Technology and Sciences(IJ-ETA-ETS) ISSN:0974-3588	Peer-Reviewed	
34	An Outline of DGMOSFET Structures and Application"	International Journal of Emerging Technologies And Applications in Engineering Technology and Sciences(IJ-ETA-ETS) ISSN:0974-3588	Peer-Reviewed	
35	UWB BPF Using Hybrid Microstrip CPW with DGS Structure for Future Wireless Communication	Science and Technology Journal Vol. 10 Issue: I January 2022 ISSN: 2321-3388	Peer-Reviewed	
36	A Robust Framework for Person Identification using Multimodal Biometrics for Future Technology	International Journal of Innovation Technology and Exploring (IJTTEE) ISSN:2278-3075	Scopus	0.6

23. Special Lectures Delivered:

Sr. No.	Title of Lecture	Title of Programme & Place of Lecture & Date
1	Worked as Judge for Project Competition	"PROJECT COMPETITION-2010 Organized by Confederation of Engineering Institutes under NMU, Jalgaon, 6 April,2010
2	Deliverd expert Lecture on "Optical Fiber Communication"	Raisoni Engineering College, Jalgaon 20,August,2013
3	Worked as Judge for Project Competition NMU/515/Avishkar/203/2013,dated 3,october 2013	"AVISHKAR DISTRICT LEVEL PROJECT COMPETITION-2013 Organized by North Maharashtra University, Jalgaon ,on 5 October,2013
4	Chaired a session in the U.G.C. sponsored National Conference on Research Trends in Computer Technology (RTCT)-2014	Organized by Department of Computer Science,C.E.S.'s B.P.Arts,S.M.A.Science & K.K.C.Commerce College, Chalisgaon NAAC Reaccredited 'B'(2.76) grade District-Jalgaon,(M.S.) on 19-20 September,2014
5	Member of Technical Advisory for Conference on "Wireless Communication and Android Application (WiCAA)-2015	Sponsored by Savitribai Phule Pune University and organized by K.V.N.Naik Institute Engineering Education and Research(KVNNIEER) 30-31April,2015
6	Chaired a session in Conference on "Wireless Communication and Android Application (WiCAA)-2015	Sponsored by Savitribai Phule Pune University and organized by K.V.N.Naik Institute Engineering Education and Research(KVNNIEER) 30-31April,2015
7	Worked as Judge at Maharashtra State Board of Technical Education(MSBTE) sponsored Regional Level "Technical Paper Presentation Competition	S.S.V.P.S.B.S.Deore Polytechnic,Dhule Dated 28,February 2015
8	Deliverd expert Lecture on "Recent Trends in Iris Recognition System"	K.K.WaghInstitute of Engineering Education and ResearchNashik-422003 Date 11,August 2015
9	Deliverd expert Lecture on "Recent Trends in Coherent Optical Fiber Communication"	K.K.WaghInstitute of Engineering Education and ResearchNashik-422003 Date- 30,0ctober,2015

24. Membership of Professional Bodies:

Sr. No.	Name of the Body / Head Quarter	Grade of Membership (Fellow / Member)	Membership Number
1	Life member of ISTE	Member	LM 11991

Technical Skills

- MATLAB.
- Programming Languages: C, C++
- Proficiency in MS-Office

I declare that the above furnished information are correct to the best of my knowledge and belief.

SIGNATURE