

BIODATA

NAME: MRS.POOJA PRASAD BELAGALI

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MARITAL STATUS: MARRIED

BIRTH DATE: 16TH MAY 1976



EDUCATIONAL QUALIFICATION:

COURSE	PERCENTAGE	YEAR OF PASSING	BOARD/UNIVERSITY
Ph. D	Pursing	-	VTU Belgaum
ME	62.25 (First Class)	2003-04	SHIVAJIUNIVERSITY WalchandCollege of Engg
BE	66.73(First Class with Distinction)	1996-1997	SHIVAJIUNIVERSITY PVPIT Budhgaon
HSC	70.67	1992-1993	KOLHAPUR BOARD
SSC	73.85	1990-1991	PUNE BOARD

TEACHING EXPERIENCE:

SR.NO	INSTITUTE	DURATION	DESIGNATION
1	WALCHANDCOLLEGE OF ENGG, SANGLI	6 MONTHS	LECTURER
2	GOVERNMENT POLYTECHNIC , MIRAJ	1 YEAR	LECTURER
3	ANNASAHEBDANGECOLLEGE OF ENGG AND TECH, ASHTA	JUNE 2000 TO DEC 2007	LECTURER
4	ANNASAHEBDANGECOLLEGE OF ENGG AND TECH, ASHTA	JAN 2008–JULY 2009	SR. LECTURER
5.	Dr. J.J.MAGDUM COLLEGE OF ENGG, JAYSINGPUR	AUG 2009 –OCT 2010	ASSTT PROFESSOR
6.	Dr. J.J.MAGDUM COLLEGE OF ENGG, JAYSINGPUR	OCT 2010 till date	ASSOCIATE PROFESSOR

SOFTWARE SKILLS KNOWN:

- MATLAB

- C, C++,
- PSpice , Orcad
- LabView

AREAS OF INTEREST:

- Computer Vision and Image processing
- Steganography
- Cryptography

ISTE APPROVED STTP ATTENDED:

1. **“Information Technology Enabled Effective Curriculum Implementation “** During 10th June to 22nd June 2002 at WCE Sangli (2 Weeks)
2. **“Emerging Microelectronics and VLSI Technologies for communication systems”** During 19th June to 30th June 2006 at VCET Vasai (Mumbai) (2 Weeks)
3. **“VLSI: Devices To Application (VLDA: 2006)”** During 20th Nov to 1st Dec 2006 at TCET, Mumbai (2 Weeks)
4. **“Advanced Signal processing Techniques in Instrumentation“** During 3rd Dec to 14th Dec 2007 at PVPIT Budhgaon (2 Weeks)
5. **“Emerging Trends in Digital Signal Processing and Communication”** During 9th June to 20th June 2008 at ADCET, Ashta. (2 Weeks)
6. **“Electromagnetic waves and its application”** During 15th June to 19th June 2009 at Sardar Patel Institute Of Technology, Andheri (1 Week)
7. **“Research Methodology: Tools and Techniques”** During 7th January to 11th January 2014 at Dr.J.J.Magdum College of Engineering, Jaysingpur (1 Week)
8. **“Research Methodology & LaTeX”** During 13th -18th Oct 2014 at ADCET, Ashta. (1 Week)
9. **“Pedagogy for effective use of ICT in Engineering Education“** During 5th- 7th and 19th - 21st Jan 2015 conducted by IIT Bombay Under the National Mission on Education through ICT (MHRD, Govt. of India) Remote Centre: Dr.J.J.Magdum College of Engineering, Jaysingpur
10. **“Image processing & Applications“** During 22nd to 26th June 2015 at PVPIT Budhgaon (1 Week)
11. **“Recent Trends in Image Processing – Wavelet Transform and machine learning”**-During 28th Nov to 2nd Dec 2016 (1week) at Dr.J.J.Magdum College of Engineering, Jaysingpur
12. **“ Basic 3D animation using Blender”** Online course conducted by IIT Bombay
13. One week Faculty Development Programme on **“Matlab R2018a Tools & its Engineering Applications”** at ADCET Ashta held on 24th Dec to 28th Dec 2018
14. **“Hands – on practices on Balanced Robotics and Rapid prototyping using 3D printing”** During 24th Dec to 28th Dec 2019 organized by Dept of Electronics and Electronics and Telecommunication with Rajarambapu Institute of Technology, Islampur (1 Week)

15. Two week Faculty Development Program on “ **SCILAB**” organized by Department of Electronics and Telecommunication Engg, ADCET Ashta in association with Spoken Tutorial , IIT, Bombay during 23rd May to 5th June 2020
16. One Week “**ADCET Webinar series**” organized by Department of Basic Sciences, ADCET Ashta during 21st to 26th May 2020
17. Two Week FDP on “**Paradigm shift in Higher Education Institutes: Opportunities and Challenges (PSHEIOC)** ” organized by Department of Electrical Engg, DIT Pimpri Pune in association with ISTE during 1/06/2020 to 12/06/2020
18. One week Online Faculty Development Program on “**Problem Based Learning**” organized by Department of Electronics and Telecommunication Engg, RSCOE Pune during 1st June to 5th June 2020.
19. One Week Online Faculty Development Program on “**Advances and Research Opportunities in E&TC Engineering** ” organized by Department of Electronics and Telecommunication Engg, SVERI’s COE Pandharpur during 10/06/2020 to 14/06/2020
20. One Week AICTE Sponsored online STTP on “**Artificial Intelligence and Machine learning**” organized by Department of Electronics and Telecommunication Engg, DKTE Ichalkaranji. during 19th Dec to 24th Dec 2020
21. Two Week Faculty Development Program on “**Machine Learning and its Applications**” organized by Department of Electronics and Telecommunication Engg, KIT Kolhapur during 5th to 15th Jan 2021
22. AICTE (AQIS) Sponsored One Week STTP on “ **Use of Modern Tools and Computing Skills for Engineers and Researchers**” organized by Department of Mechanical Engg, Priyadarshini College of Engg, Nagpur during 22nd to 27th Feb 2021
23. One Week Online Faculty Development Programme sponsored by AICTE ISTE on “**Antenna: Design and Analysis**” organized by St. Xavier's Technical Institute , Mahim , Mumbai during 1st to 6th March 2021
24. One Week STTP through ICT mode on “**Image Processing Using MATLAB**” organized by National Institute of Technical Teachers Training and Research, (NITTTR) Kolkata during 8th to 12th March 2021
25. One Week Online National Level Faculty Development Programme on “**Green and Secure Communications**” organized by Department of E&TC, Sinhgad Institute of Technology, Lonavala, India, and Technically sponsored by IEEE Bombay Section during 15th to 19th March 2021
26. One Week Online Faculty Development Programme on “**Machine learning and Its applications**” organized by Sharad Institute of Technology, College of Engineering, Yadrav (Ichalkaranji) sponsored by TEQIP III, DBATU, Lonere during 16th to 20th March 2021

WORKSHOPS ATTENDED:

1. One Day Workshop on “**Syllabus Revision of BE(IT) Part II** “ on 25th Jan 2003 at ADCET, Ashta
2. Workshop on “**Matlab and simulink**” in July 2003 at WCE Sangli
3. Training on “**Internal Quality Audit**” as per ISO 9001:2000 requirements successfully completed on 15th June 2004.

4. Workshop on **“Transmission lines and Antenna”** on 13th July 2004 at DKTE, Ichalkaranji
5. Workshop on **“OrCad”** in Jan 2005 at ADCET Ashta
6. One Day Workshop on **“ Embedded Systems”** on 3rd Feb 2006 at RIT Sakharale
7. One Day Workshop on **“BE(Electronics) Part I Syllabus coverage“** on 31st July 2010 at Dr.J.J.Magdum College of Engineering. Jaysingpur
8. One Day Workshop on **“ BE(Electronics) Part IISyllabusDiscussion “** on 18th Jan 2011 at Dr.J.J.Magdum College of Engineering. Jaysingpur
9. One Day Workshop on **“Faculty Development Programme“** on 31st July 2011 at Tata Consultancy Services, Pune.
10. One Day workshop on **“Industrial Consultancy”** organized on 9th September 2011 by “Consultancy and Sponsored Project” committee of Dr.J.J.Magdum College of Engineering. Jaysingpur
11. One Day Workshop on **“Engineering Education Towards Global Repute “** on 7th Oct 2011 organized by Faculty Development Cell of Dr.J.J.Magdum College of Engineering. Jaysingpur
12. Two Day workshop on **“Speech signal processing”** on 24th and 25th February 2012 in RSCOE Pune.
13. One Day Workshop on **“Web development “** on 5th September 2012 organized by Department of Electronics Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur
14. Two Day Workshop on **“Image Processing and Computer Vision”** 3rd& 4th August 2012 organized by Faculty Development Cell of Department of Electronics Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur
15. One Day Workshop on **“ECAD-I,ECAD-II & NA’** on 6th October 2012 organized by Department of Electronics Engineering of DKTE.Ichalkaranji
16. One Day Workshop on **“PHP“** on 6th October 2012 organized by Faculty Development Cell of Department of Information Technology of Dr.J.J.Magdum College of Engineering. Jaysingpur
17. One Day Workshop on **“Latex Software”** on 1st Feb 2013 organized by Department of Electronics and Telecommunication of PadmabhooshanVasatraodadaPatil Institute of Technology, Budhgaon.(Sangli)
18. One Day Workshop on **“Syllabus Discussion of ME(Electronics)“** on 8th Feb 2013 at Dr.J.J.Magdum College of Engineering. Jaysingpur
19. Two Day Workshop on **“High Speed Digital System Design”** on 22nd and 23rd March 2013 organized by Department of Electronics and Telecommunication of AnnasahebDange College of Engineering & Technology, Ashta.
20. IETE approved Three Day National level Workshop on **“Network Simulator NS2 for wired and wireless Network”** on 17th to 19th October 2013 organized by Department of Electronics and Telecommunication of Sharad Institute of Technology, Yadav
21. Two Day Workshop on **“LABVIEW”** on 20th&21st September 2013 organized by Faculty Development Cell of Department of Electronics and communication Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur
22. One Day Workshop on **“Syllabus Setting of Second Year Electronics and Telecommunication Engineering”** on 3rd January 2014-organized by AnnasahebDange College of Engineering & Technology, Ashta.
23. One Day Workshop on **“Syllabus Revision for ME(Electronics Engineering)” Part – I and II** on 6th Feb 2014 organized by Department of Electronics Engineering of PadmabhooshanVasatraodadaPatil Institute of Technology, Budhgaon.(Sangli)

24. One Day Workshop on **“SE- Part I Revised Syllabus Discussion”** on 24th July 2014 organized by Department of Electronics and communication Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur.
25. One Day Workshop on **“Teaching Methodology in problem solving in C, SE (IT) Part-I revised syllabus”** on 30th July 2014 organized by Faculty Development Cell of Department of Information Technology of Dr.J.J.Magdum College of Engineering. Jaysingpur
26. One Day Workshop on **“Teaching Methodology Workshop on Data Communications”** on 12th August 2014 organized by Faculty Development Cell of Department of Computer Science and Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur
27. One Day Workshop on **“Introduction to LATEX”** on 10th Sept 2014 organized by Department of Electronics Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur
28. One Day Workshop on **“Syllabus Setting of TE and BE (Aeronautical Engineering) and TE and BE (Mechanical and Automation Engineering)** on 31st January 2015 organized by Annasaheb Dange College of Engineering & Technology, Ashta.
29. One Day Workshop on **“Final year Syllabus formation of BE(E&TC)** on 9th February 2015 organized by Department of Electronics and Telecommunication Engineering, AMGOI Vathar Tar Vadgaon.
30. Two Day Workshop on **“4G and QXDM”** on 9th and 10th February 2016 conducted by TIFRA Enterprises organized by Department of Electronics and communication Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur
31. One Day Workshop on **“Teaching Methodology for BE- Part I & II Revised Syllabus”** on 11th August 2016 organized by Department of Electronics and communication Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur funded by Shivaji University Kolhapur.
32. One Day Workshop on **“Avishkar – Orientation Programme”** held on 2nd September 2016 jointly organized by Shivaji University, Kolhapur and Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli under the Lead College Scheme.
33. One Day Workshop on **“Research Methodology” under Lead college Activity** held on 20th October 2016 organized by Department of Civil Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur.
34. Training Programme on **Sexual Harassment of women at workplace (Prevention, Prohibition and redressal) Act, 2013** organized by Shivaji University on 7th Feb 2017
35. Attended one day programme on Directorate General Youth Parliament Championship elocution competition on 3rd March 2017 in Dr.J.J.Magdum College of Engineering. Jaysingpur.
36. Two Day Workshop on **“Intellectual Property Rights”** on 24th and 25th November 2017 conducted by MYCRAVE consultancy services organized Dr.J.J.Magdum College of Engineering. Jaysingpur
37. One Day Workshop on **“Understanding Revised Assessment and Accreditation Methodology of NAAC”** held on 13th Dec 2017 organized by IQAC Cell of Mahavir Mahavidyalaya, Kolhapur.
38. Two Day AICTE sponsored Workshop on **“Pedagogical Aspects in Signal Processing 15 and 16th Dec 2017** organized Walchand college of Engineering, Sangli

39. Two Day Workshop on “**Internet Of Things: Practical Approaches**” under **Lead college Activity** held on 9th and 10th March 2018 organized by Department of Computer Science and Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur.
40. One Day Workshop on “**Choice based Credit System for Postgraduate Program of Electronics Engineering and Electronics and Telecommunication Engg**” on 21st August 2018 organized by Department of Electronics and Telecommunication Engineering of D.Y.Patil College of Engineering & Tech., KasabaBawada Kolhapur.
41. One Day Workshop on “**Syllabus Formation of Second Year (ETC & ETRX)**” on 31st Jan 2019 organized by Department of Electronics and ETC Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur
42. Two Day Workshop on “**Recent Trends in Artificial Intelligence**” under **Lead college Activity** held on 19th and 20th March 2019 organized by Department of Computer Science and Engineering & Information Technology of Dr.J.J.Magdum College of Engineering. Jaysingpur
43. RUSA sponsored Three days workshop on “**NAAC: Revised Accreditation Framework (RAF)**” organized by IQAC Cell Shivaji University Kolhapur from 8th to 10th May 2019.
44. One Day National Workshop on “**New Spirit of Assessment and Accreditation Process**” on 20th July 2019 organized by IQAC Jaysingpur College, Jaysingpur.
45. One Day Workshop on “**Teaching Pedagogy for S.Y. Electronics Syllabus**” on 11th October 2019 organized by Dr.J.J.Magdum College of Engineering. Jaysingpur Under Shivaji University, Kolhapur
46. One Day Workshop on “**NAAC ACCREDITATION**” held on 17th Jan 2020 organized under PARAMARSH SCHEME of UGC at DKTE.Ichalkaranji
47. Three Day Workshop on “**Data Science with Python**” under **Lead college Activity** held on 13th, 14th and 15th February 2020 organized by Department of Computer Science and Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur
48. One Day Workshop on “**Final Year B.Tech. Information Technology CBCS pattern Syllabus Setting**” on 18th March 2021 organized by Department of Information technology, Dr.J.J.Magdum College of Engineering. Jaysingpur.

PAPER PRESENTED AND PUBLISHED:

NATIONAL CONFERENCE:

1. P.P.Belagali, S.S.Shinde Presented paper on “ **Network Mobility and Protocol Interoperability in Adhoc Network**” in National conference on emerging Technologies and Applications (ETA 2005) Received certificate of Merit for this paper
2. P.P.Belagali, S.S.Shinde, R.R.Jagtap presented paper on “ **Analysis and Synthesis of Human Motion using Computer Vision and Graphics Techniques**”
In Proc. Third National Control Instrumentation System conference (CISCON 2006)
pp 215-217 2006
3. P.P.Belagali presented paper on “ **An image compression method for spatial search**”
In Proc. National Conference on Applications of Digital Signal Processing (NCDSP 2007)

pp 77-82 2007

4. P.P.Belagali presented paper on “**Spatial search using an image compression method**” In Proc. National conference on Information Technology in Multi Domain Industry pp 243 -247 2007
5. P.P.Belagali, DipakRaskar presented paper on “**A Interactive Robot control using image processing method**” in National Conference on Emerging Trends in Engineering and Technology (NCETET-13) orgagnized by PadmabhooshanVasatraodadaPatil Institute of Technology,Budhgaon.(Sangli) during 18th– 19th Feb 2013
6. P.P.Belagali,RashmiGaikwad presented paper on “**Securing underwater wireless communication networks**” in National conference (EMPIRE 2013), organized by Sanjay Bhokare Group of Institute,Miraj during 15th and 16th March 2013
7. P.P.Belagali, SupriyaKaradge presented paper on “**Design and evaluation of content based service discovery protocols for vehicular network**” ” in National conference (EMPIRE 2013), organized by Sanjay Bhokare Group of Institute,Miraj during 15th and 16th March 2013
8. P.P.Belagali, Mr.Jamkhande presented paper on “**Small square monopole antenna with inverted T – shaped Notch in ground plane for UWB application**” ” in National conference (EMPIRE 2013), organized by Sanjay Bhokare Group of Institute,Miraj during 15th and 16th March 2013
9. P.P.Belagali,SudinKolamkarpresented paper on “**Multi bit Adaptive embedding Algorithm for Anti – Forensic steganography**”inNational conference on “Emerging Trends & Applications in Machine Learning”(ETAML – 13)organized by Dr.D.Y.Patil Institute of Engineering & Technology, Pimpri, Pune during 27th&28th December 2013.
10. P.P.Belagali, SudinKolamkarpresented paper on “**Multi bit Adaptive embedding Algorithm for Anti – Forensic steganography**” in National conference on Inter Disciplinary Research on Recent Trends in Information Technology and Computer Engineering organized by Dr.D.Y.Patil College of Engineering,Akurdi,Pune during 22nd and 23rd January 2015.
11. P.P.Belagali, PriyankaPawarpresented paper on “**Content based Image Retrieval Using Local Tetra Pattern**” in National conference on emerging Trends in Engineering, Technology and Agricultureorganized by Dr.D.Y.Patil College of Engineering, Kolhapur during 30th January2016.
12. P.P.Belagali,ShraddhaGajjipresented paper on “**Detection of Clone in Wireless Network**” in National conference on “Advancements in Computer & Information Technology (NCACIT – 16)”organized byDepartment of Computer Engineering and Information Technology of Dr.D.Y.Patil College of Engineering,Talegaon Pune in Association with SavitribaiPhule Pune University during 5th& 6th February 2016.

INTERNATIONAL CONFERENCE

1. P.P.Belagali, S.S.Shinde, Presented Paper On **“Conservation On Energy And Environment For Millennium”**
In Proc.An International Technical Symposium (TECHNO MILLENNIUM 2006) pp 87-92
2006
2. P.P.Belagali, S.H.Patil, T.H.Mohite, A.D.Patil ,D.D.Dhobale presented paper on **“Content Based image and video retrieval”**
Second International Conference on Digital Image Processing
In Proceedings Of SPIE 26-28 Feb 2010, Vol. 7546 754620 – 5
Singapore
3. P.P.Belagali, V.S.Jadhav presented paper on **“Edge Adaptive Image Steganography using LSB Matching Revisited”**inSecond International Conference on Emerging Trends in Engineering (ICETE 2013)orgaqnized by Dr.J.J.Magdum College of Engineering, Jaysingpur, during 22 – 23 Feb 2013
4. P.P.Belagali, DipakRaskar presented paper on **“A Interactive Robot control using image processing method”** in Second International Conference on Emerging Trends in Engineering (ICETE 2013)orgaqnized by Dr.J.J.Magdum College of Engineering, Jaysingpur, during 22 – 23 Feb 2013
5. P.P.Belagali , Palkar, S.A.Palkar presented paper on**“Automation in drinking water supply distributed system and testing of water”**inSecond International Conference on Emerging Trends in Engineering (ICETE 2013)orgaqnized by Dr.J.J.Magdum College of Engineering, Jaysingpur, during 22 – 23 Feb 2013
6. P.P.Belagali, SuhasShinde presented paper on**“System Identification using Adaptive Filter Algorithms”**inSecond International Conference on Emerging Trends in Engineering (ICETE 2013)organized by Dr.J.J.Magdum College of Engineering, Jaysingpur, during 22 – 23 Feb 2013
7. P.P.Belagali , K.G.Jamkhade presented paper on **“Novel Small Square Monopole Antenna for UWB Application”** in International Conference on Electrical, Electronics, Computer Science and Mechanical Engineering (ICEECSME) during 5th and 6th Feb 2014
8. P.P.Belagali , Vishal Patilpresented paper on **“Review on lossless image compression using Bayesian prediction combination”** in International Conference on Emerging Trends in Engineering Sciences 2015 (ICETES'2015) during April 2015 organized by Jain College of Engineering , Belagavi
9. P.P.Belagali , PriyankaPawarpresented paper on **“Review on image retrieval using local tetra pattern”** in International Conference on Emerging Trends in Engineering Sciences 2015 (ICETES'2015) during April 2015 organized by Jain College of Engineering , Belagavi

10. P.P.Belagali ,Shraddha R. Gaji presented paper on “**Dynamic Bargaining for Relay-Based Cooperative Spectrum Sharing**” in International Conference on Electronics and Computer Science (ICEC-15) during 9th and 10th April 2015.

INTERNATIONAL JOURNAL

1. P.P.Belagali, S.H.Patil,B.S.Patil, T.H.Mohite, A.D.Patilpublished paper on “**High Quality Voice Transmission of 3G and 4G Wireless Technologies**”
International Journal of Multidisciplinary research and advances in Engineering
ISSN 0975-7074, Vol. 2. No. II, July 2010, pp. 63-75
2. P.P.Belagali, V.S.Jadhavpublished paper on “**Edge Adaptive Image Steganography using LSB Matching Revisited**” in IOSR Journal of Electronics & Communication Engg(IOSR-JECE)ISSN : 2278-2834, ISBN : 2278-8735, Feb 2013, pp. 40-44
3. P.P.Belagali , DipakRaskarpublished paper on “**A Interactive Robot control using image processing method**” in in IOSR Journal of Electronics & Communication Engg(IOSR-JECE)ISSN : 2278-2834, ISBN : 2278-8735, Feb 2013, pp.31-35
4. P.P.Belagali , Palkar, S.A.Palkar published paper on “**Automation in drinking water supply distributed system and testing of water**” in in IOSR Journal of Electronics & Communication Engg(IOSR-JECE)ISSN : 2278-2834, ISBN : 2278-8735, Feb 2013 pp.36-38
5. P.P.Belagali, SuhasShindepublished paper on“**System Identification using Adaptive Filter Algorithms**”inin IOSR Journal of Electronics & Communication Engg(IOSR-JECE)ISSN : 2278-2834, ISBN : 2278-8735, Feb 2013 pp.54-59
6. P.P.Belagali , SuhasShinde published paper on “**Low complexity and fast Affine Projection Sign Algorithm**” in International Journal of Engineering Research and technology (IJERT) Vol 2 Issue7 July 2013 ISSN: 2278-0181
7. P.P.Belagali, K.G.Jamkhandepublished paper on“**Rectangular Micro strip Patch Antenna for Free Band Application**”inInternational Journal of Engineering Associates (IJE), Volume 2, Issue 5 - September 2013 ISSN: 2320 -0804
8. P.P.Belagali, Mr.K.G. Jamkhande published paper on **Novel Monopole Antenna for UWB Application** in International Journal of Engineering Research and technology (IJERT) Vol 2 Issue 10 Oct 2013 ISSN: 2278-0181
9. P.P.Belagali, RashmiGaikwadpublished paper on **Real Time Sign Language Recognition: A review** in International Journal of Engineering Research and technology (IJERT) Vol 2 Issue 10 Oct 2013 ISSN: 2278-0181
10. P.P.Belagali, DipakRaskarpublished paper on **An interactive technique for robot control by using image processing method** in International Journal of Advanced Engineering and Innovative Technology (IAEIT) Vol:1 Issue:03 Aug 2014 ISSN:2348-7208

11. P.P.Belagali, , DipakRaskar published paper on **Effective man-machine coupling using image processing** in International Journal of Engineering research and management (IJERM) Vol1 Issue 5 Aug 2014 ISSN: 2349-2058
12. P.P.Belagali, , R.A.Chougule published paper on **Comparative study of different PAPR reduction techniques of OFDM** in International Journal of Mobile and Adhoc Network (IJMAN) Vol4 Issue 3 Aug 2014 ISSN(online): 2231-6825 ISSN (Print) : 2249 – 202X
13. P.P.Belagali, , DipakRaskar published paper on **Interactive Pick and Place Robot control using image processing method** in International Journal of Engineering and Computer Science (IJECS) Vol 3 Issue 9 Sept 2014 ISSN: 2319-7242
14. P.P.Belagali, , SudinKolamkar published paper on **“Multi bit Adaptive embedding Algorithm for Anti – Forensic steganography”** in International Journal of Advance Foundation and Research in Computer. (IJAFRC) Vol2 Special Issue ISSN: 2348 – 4853
15. P.P.Belagali, , M.M.Magdum published paper on **An Overview on Wireless Sensor Networks and Energy Efficient Routing Protocol** in International Journal of Advent research in Computer and Electronics (IJARCE) Vol1 Issue 7 Nov 2014 ISSN: 2348-5523
16. P.P.Belagali, , M.M.Magdum published paper on **Design and Evaluation of Hybrid Vector Routing Protocol in Wireless Sensor Networks** in International Journal of Advanced and Innovative Research (IJAIR) Vol4 Issue 2 Feb 2015 ISSN: 2278 – 7844
17. P.P.Belagali, Rashmi Gaikwad published paper on **Sign Language Gesture Recognition using feedforward Neural Networks** in International Journal of Graphics and Image Processing (IJGIP) Vol 5 Issue 1 Feb 2015 ISSN: 2249-5452
18. P.P.Belagali, , M.M.Magdum published paper on **A comparative Analysis for Hybrid Routing Protocol for Wireless Sensor Networks** in International Journal of Engineering Research and Applications (IJERA) Vol5 Issue 4 April 2015 pp.107-111 ISSN: 2248 – 9622
19. P.P.Belagali, Vishal Patil presented paper on **“Review on lossless image compression using Bayesian prediction combination”** in International Journal of Emerging Technology in Computer Science and Electronics (IJETCSE) Vol14 Issue 2 April 2015 ISSN: 0976-1353
20. P.P.Belagali, , Priyanka Pawar presented paper on **“Review on image retrieval using local tetra pattern”** in International Journal of Emerging Technology in Computer Science and Electronics (IJETCSE) Vol14 Issue 2 April 2015 ISSN: 0976-1353
21. P.P.Belagali, , Priyanka Pawar presented paper on **“Image Retrieval Technique using Local Binary Pattern(LBP)”** in International Journal of Science and Research (IJSR) Vol 4 Issue 7 July 2015 ISSN: 2319-7064
22. P.P.Belagali, , Monika Mangave presented paper on **“Review on a reliability based routing Protocol for Vehicular Adhoc Network”** in International Journal of Science and Research (IJSR) Vol 4 Issue 7 July 2015 ISSN: 2319-7064

23. P.P.Belagali, , AmolPawar published paper on “**Canny point of care system to detect vital signs of patients**”inInternational Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE) Vol5 Issue 8, August 2015 ISSN: 2277 – 128X
24. P.P.Belagali, , AmolPawar published paper on “**Implementation of GSM based real time patient monitoring system**”inInternational Journal of Innovative Research in Science,Engineering and Technology (IJRSET) Vol4 Issue 8, August 2015 ISSN(Print): 2347 – 6710
25. P.P.Belagali, VishwajitMohite published paper on “**Methods for Liver Tumor segmentation and detection: A review**”inInternational Journal for scientific Research and development (IJSRD) Vol3 Issue 8 Oct 2015 ISSN(Print): 2321-0613
26. P.P.Belagali, RashmiGaikwad published paper on “**Application of Neural Networks in sign language gesture recognition**”inInternational Journal of Recent and Innovation Trends in computing and communication (IJRITCC) Vol3 Issue 11 Nov 2015 ISSN: 2321-8169
27. P.P.Belagali, RaisaMulla published paper on “**Detection of clone attacks in wireless sensor networks on the basis of classification and experimental analysis**”inInternational Journal of Innovations In Engineering Research and Technology(IJERT) Vol6 Issue 1 Jan 2016 ISSN(Print): 2394-3696
28. P.P.Belagali, SupriyaKaradge published paper on “**A technique for resolution Enhancement of image by Discrete and Stationary wavelet decomposition**”inInternational Journal of Engineering and Management Research (IJEMR) Vol6 Issue 1 Jan-Feb 2016 ISSN(Print): 2394-6962
29. P.P.Belagali, ShraddhaGajipublished paper on “**An efficient Algorithm for Spectrum Aggregation Based Cooperative Routing Protocol used in Cognitive Network**”inInternational Journal of Research in Engineering, Science and Technologies (IJRESTs) Vol1 Issue 6 March 2016 ISSN(Print): 2454-664X
30. P.P.Belagali, VaishaliJadhav published paper on “**An efficient image steganography using LSB Matching Revisited**”inInternational Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) Vol5 Issue 3 March 2016 DOI 10.17148/IJARCCE.2016.5304
31. P.P.Belagali, Monika Mangave published paper on “**Areliability based Routing Protocol for vehicular Ad-hoc Network**”inInternational Journal of Innovative research in computer and communication engineering (IJRCCE) Vol 4 Issue 6 June 2016 ISSN (Print): 2320-9798
32. P.P.Belagali, PratibhaNandane published paper on “**Data concealing using Speech Steganography**”inInternational Research Journal of Engineering and technology (IRJET) Vol3 Issue 11 Nov 2016 ISSN (Print): 2395-0072 eISSN:2395-0056

33. P.P.Belagali, PriteshJagadalepublished paper on“**Secret fragment Visible Mosaic Image Technique for information hiding**” in IRJTISSN: 2456-3315. June 17
34. P.P.Belagali, Snehallavate published paper on“**Enhancement of throughput and Spectrum Sensing of Cognitive Radio Networks**”inInternational Research Journal of Engineering and technology (IRJET) Vol 4 Issue 9 Sept 2017 ISSN (Print): 2395-0072 eISSN:2395-0056
35. P.P.Belagali, PriteshJagadalepublished paper on“**Visible Mosaic Image Based secure Image Transformation Technique**” in IJSDRISSN:2455-2631, Volume 2 Issue 07 July 2017
36. P.P.Belagali, PallaviMadnaik published paper on “**Enhanced DSR- an efficient routing protocol for MANET**” in **International Journal of Engineering Sciences & Research Technology**ISSN: 2277-9655, August 2018
37. P.P.Belagali, PallaviMadnaik published paper on “**Enhanced DSR- an efficient routing protocol for MANET**” in **International Journal for Research in Applied Science & Engineering Technology (IJRASET)** ISSN: 2321-9653, Volume 6 Issue XII, Dec 2018

UGC APPROVED RESEARCH PAPERS

1. P.P.Belagali , SuhasShinde published paper on “**Low complexity and fast Affine Projection Sign Algorithm**” in International Journal of Engineering Research and technology (IJERT) Vol 2 Issue7 July 2013 ISSN: 2278-0181
2. P.P.Belagali, Mr.K.G. Jamkhande published paper on **Novel Monopole Antenna for UWB Application** in International Journal of Engineering Research and technology (IJERT) Vol 2 Issue 10 Oct 2013 ISSN: 2278-0181
3. P.P.Belagali, RashmiGaikwadpublished paper on **Real Time Sign Language Recognition: A review** in International Journal of Engineering Research and technology (IJERT) Vol 2 Issue 10 Oct 2013 ISSN: 2278-0181

PROFESSIONAL MEMBERSHIPS:

- Life Member of the **I.S.T.E. (Membership No. LM40725)**
- Member of International Association of computer Science and Information Technology (IACSIT) Member No.: 80333308
- Life member of **IJMRAE**
- Recognition as PG teacher from Shivaji University, Kolhapur

ACHIEVEMENTS / INTERACTION WITH OTHER WORLD

1. Worked as judge for **"SOFTCOM"** a National Level paper presentation under "EUREKA-2k3" On 28th March 2003 at TKIET Warananagar
2. Invited lecture on **"Wireless Communication "** on 5th FEB 2009 at Dr.JJMCOE Jaysingpur
3. Worked as judge for **"NIRMITI 2009"** a National Level paper presentation on 20th and 21st February 2009 at PVPIT Budhgaon
4. Guest lecture on **"PICMicrocontroller"** for SE (CSE) on 25th April 2009 at WalchandCollege og Engineering Sangli.
5. Worked as External Examiner, Paper Setting for UG, PG BharathiVidyapeeth Pune
6. Worked as External Examiner, Paper Setting for UG at Walchand college of Engineering, Sangli
7. Worked as External Examiner for UG students in Solapur University.
8. Worked as Senior supervisor for SU Examination MAY 2011 at Sharad Institute of Technology, Yadrav
9. Worked as a coordinator for One Day Workshop on **"Engineering Education Towards Global Repute "** on 7th Oct 2011 organized by Faculty Development Cell of Dr.J.J.Magdum College of Engineering. Jaysingpur
10. Worked as a coordinator for Two Day Workshop on **"Image Processing and Computer Vision"** 3rd& 4th August 2012 organized by Faculty Development Cell of Department of Electronics Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur
11. Worked as judge for **"INNOVATION 2K12"** on 17th March 2012 a University Level paper presentation at Sharad Institute of Technology, Yadrav
12. Worked as Organizing Secretary for International Conference **ICETE2013** organized by Dr.J.J.Magdum College of Engineering. Jaysingpur
13. Invited lecture on **"Advance Image Processing in Steganography and Watermarking"** on 14th FEB 2014 at Sharad Institute of Technology, Yadrav
14. Worked as judge for **"Reflex 2k14"** a National Level Technical Symposium held on 21st February 2014 at Ashokrao Mane Group of Institutions, Vathar (Faculty of Engineering)
15. Worked as External Examiner for UG students for project in SSPM,s College of Engineering, Kankavalli Mumbai University.
16. Invited lecture on **"Applications of Optical Sources and detectors"** on 7th Oct 2014 at Sanjay Bhokare Group of Institutes, Faculty of Engineering and Management, Miraj.
17. Invited lecture on **"Optical Sources "** on 3rd March 2016 at Sanjay Bhokare Group of Institutes, Faculty of Engineering and Management, Miraj.
18. Worked as a coordinator for One Day Workshop on **"Teaching Methodology for BE- PartI& II Revised Syllabus"** on 11th August 2016 organized by Department of Electronics and communication Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur funded by Shivaji University Kolhapur.
19. Attended Shivaji University Interviews as Chancellor's nominee for Information Technology and Computer Science & Engineering at RIT on 13th JAN 2017
20. Expert lecture on **"Image Processing"** on 16th March 2018 at Department of Electronics Engineering of Dr.J.J.Magdum College of Engineering. Jaysingpur
21. Worked as Resource Person for Two Days workshop under Lead College on **"MATLAB and SIMULINK"** for Technical Assistants held on 11th and 12th October 2018 at Dr.J.J.Magdum College of Engineering. Jaysingpur

22. Worked as Resource Person for one Week online Faculty Development Program on **"Emerging Trends and Challenges ML, IoT and Cyber Security"**

RESEARCH GUIDANCE

- **UG:** more than 100
- **PG:** 19 completed
08 going on

I hereby declare that above information is true

MRS.P.P.BELAGALI
Associate Professor