

## **Profile of Dr. B L Malleswari**

Dr. B L Malleswari

24<sup>th</sup> February, 1967

Dr. B L Malleswari,

Principal, Sridevi women's Engineering College

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### **Work Experience at a Glance**

- Working as a Principal in Sridevi Women's Engg College, since June, 2013
- Teaching at Engineering Level:  
UG – Above 20 Years (Since Dec 1994)

### **Qualifications:**

- Ph.D from JNTU, August, 2008 on “Spatial Technology for Navigation and Studies on Modelling of GPS Errors based on Kalman Filters”
- M.S Electronics and Control Systems from BITS, PILANI, 1993 – I Class with distinction
- B.E, ECE, SRKR Engineering College, Bhimavaram, Affiliated to AU, 1988 – I Class
- MBA, Operations Research from IGNOU, Delhi, 1998 – I Class

### **Publications and Proceedings** (*Enclosed at the End*)

- International Journals / National Journals : 30
- International/National Proceedings : 64



- Got women in education award organized by Dewang Mehatha national education committee in association with IPE

### Projects Guided/Reviewed

- Guided  
 UG Level ----- More than 40  
 PG Level ----- 14
- Reviewed  
 PG Level ----- 05 (M.E and M.Tech Dissertations, OUs and JNTUs)
- Guiding Ph.D ----- 6 as supervisor (Registration from **JNTUH**)  
 3 as Co - supervisor (Registration from JNTUH)  
 1 as supervisor (Registration from **SCSVMV**)  
 Eligible to guide Ph.D scholars in **Osmania University**

### Experience at various Capacities

<u>Designation</u>	<u>Organization</u>	<u>From Up To</u>	<u>Teaching For</u>
Principal	Sridevi Women's Engg	10.6.2013 AN Till Date	UG
Professor	GNITS, Hyderabad	13.11.2008–10.06.2013 FN	UG & PG
Associate Professor	CBIT, Hyderabad	01.03.2001 - 12.11.2008	UG & PG
Asst Professor	CBIT, Hyderabad	09.07.1998 - 28.02.2001	UG

Lecturer	BEC, Bapatla	30.06.1997 - 06.07.1998	UG
Lecturer	Sir C R R COE, Eluru	12.12.1994 - 27.06.1997	UG

### **Responsibilities**

- IEEE Coordinator for GNITS Students Chapter
- FDP Coordinator for GNITS
- Library incharge
- PG Coordinator at Department Level
- TEQUIP Coordinator
- R & D Coordinator
- BOS member
- Coordinator – Autonomous
- Chief verification officer – Annual stock verification
- Anti Ragging

### **Activities/SDPs/Workshops conducted**

- Conducted Synapse 05 for students at CBIT on 11<sup>th</sup> and 12<sup>th</sup> march, 2005.
- Conducted a 6 Day AICTE Workshop on “Latest trends in Cellular and Mobile Communications” from 22.06.2009 to 27.06.2009 for faculty.
- Conducted a 5 Day SDP on “Effective Teaching Methodologies in Global Scenario” from 29.06.2009 to 03.07.2009 for faculty.
- Conducted A Robotics Workshop for students on 18.02.2010 and 19.02.2010
- Conducted A Robotics Workshop for students in 2011
- Conducted A Robotics Workshop for students on 2013
- Conducted a 6 Day AICTE Workshop on “Pragmatic Embedded Systems” from 21.06.2010 to 26.06.2010
- Organized 5 SDPs at GNITS in 2010, 2011 and 2012.

### **Expert talks/guest lectures**

- Invited talk on “GPS and Kalman filter for error correction and data processing” in one day work shop on Satellite Technology & its Applications at JNTUH, on 5.5.2005.
- Expert talk on “Spatial Technology for Navigation” on 18<sup>th</sup> September, 2010 in GIST, Nellore
- Expert lecture on “GPS – GIS – Kalman filter” on 23.12.2010 at CBIT, Hyderabad in a 2 day workshop on “Basics of GPS and its applications”.
- A lecture on “Data Communications and N/W protocols” at NITTTR, JNTUH on 6.1.12.

### **Chair/Judge/Chief guest**

- As a Judge for Synapse 10 at CBIT on 8.4.10
- As a Chief Guest to GIST, Nellore on 18<sup>th</sup> September, 2010
- As a Judge for the technical poster presentation on 11.11.11 at GNITS, Hyderabad.
- As a chief guest for National level seminar on 27.3.12 at Islamia college of engg & Technology for women.
- As a chair for a national conference on Communications and Computer Aided Electronic Systems on 20.4.12. (CCAES 2012)
- Judged the PPT and Video presentation on 8.8.12 at HITAM
- Chaired in national conference at GIST, Nellore on 19.4.13.
- As a judge at GIST, for project contest, 2015

### **Subject expert as an interveiw**

- As an external expert in ACE engg college for faculty position in ECE Dept on 12.12.11.

### **External examiner for viva/voce**

- At Vasvi college of engg for the conduction of project viva for JNTU B.Tech IV(CCC) main – ECE on 30 and 31 of Dec 2008.

- At HITAM, for the conduction of M.Tech project viva
- At HITAM, for the conduction of M.Tech project viva
- Pre Ph.D paper evaluation at JNTUH on 22.4.13.
- At Narasimha Reddy engg college, B.Tech IV (regular) project viva .
- At GIST for M.Tech viva , 2015
- At JNTUH, M.Tech viva. 2015
- At Geetanjali college of Engg and tech, M.tech Viva, 2016

**Refresher/Orientation course/workshops attended/participated:**

- UGC - ASC refresher/orientation course on “Spatial Information Technology” at JNTUH from 3.8.2001 to 25.8.2001.
- AICTE – ISTE sponsored Short Term Training Programme on “VLSI & Embedded System” from 30.12.2002 to 10.1.2003 at CBIT, Hyderabad.
- A refresher course on Spatial information Technology and Applications from 6.12.2004 to 31.12.2004 at CSIT, IST JNTUH sponsored by NNRMS – ISRO, DOS, Govt of India.
- UGC – ASC refresher course (UGC sponsored) on Digital Image processing and soft copy Photogrammetry from 3.12.2005 to 22.12.2005 at JNTUH and obtained grade A.
- Mission 10X – WIPRO at CBIT from 12-16 February, 2008
- Women in research – the FOSs paradigm organized by UGC-ASC on 26.11.10 at GNITS, Hyderabad.
- A 3 day workshop o Outcome based Accreditation process and parameters at GCET from 26.9.13 to 28.9.13

**Chief examiner at GNITS**

- M.Tech – WCN 30.10.12 at GNITS

**Technical Memberships**

- IEEE
- LMISTE
- SMIACSIT

### **Editorial Board/Reviewer**

- IJCTE
- IACSIT
- IJCEE – International Journal of Computer and Electrical Engineering:  
<http://www.ijcee.org/>
- Journal of Communication and Computer (ISSN: 1548 – 7709, USA) and Computer Technology and Application (ISSN: 1543 – 7332, USA)
- International Journal of Computing Academic Research (IJCAR)
- Pearson Publishers
- Indicon 2011
- Editor in chief for International journal of innovative research in Electronics and Communications.

### **Subjects taught for UG/PG**

- EDC
- ECA
- Analog Communications
- Digital Communications
- Data Communications and Computer Networks
- Wireless Communications and Networks
- Computer Networks
- Operation Research
- GPS

### **List of projects guided**

- An analytical approach OFDM – OQAM for multi carrier communication system
- Probabilistic video stabilization using Kalman filter.

- Kalman filter for GPS datum conversion
- Peak to Average power ratio reduction by CB-ACE and adaptive algorithms
- Enhancing RC4 algorithm for Wireless local area network wired equivalent privacy protocol
- Design and implementation of high speed and area efficient viterbi decoder using FPGA
- High speed parallel architecture for cyclic convolution based on Fermat transform.
- Turbo codes for Mobile Communications.
- Design of low power 8-bit shift register using pff.
- Aging-aware multiplier with AHL using FPGA.
- VLSI architecture of encoding using sol's technique for reducing power in ds-ss.

***List of Papers Published/Presented based on the Research Carried Out***

**International/ National Conferences**

1. Dr. A D Sharma, K Ravindhra and B L Malleswari, "Development of Conversion parameters for GPS Datum", National Conference, Conducted by Deccan College of Engineering, Hyderabad, February, 2002, pp 46 – 52
2. Dr. A D Sharma, K Ravindhra and B L Malleswari, "Preliminary Study of Ionospheric Delay Statistics in the Context of Indian Laws", 12<sup>th</sup> national Space Science Symposium, Barkatullah University, Bhopal, NSSS – March, 2002, pp 269
3. B L Malleswari, Dr. I V Murali Krishan and K V S S Sanjay Kumar, "Mobile Communication Standards in Wireless GIS", International Conference ICSCI – 2004 at Hyderabad, Feb, 2004, pp 552 – 556
4. B L Malleswari, V.D.Anil Kumar, Dr. I V Murali Krishan and Dr. K Lalkishore, "GPS Datum Conversion" International Conference ICSCI – 2005 at Hyderabad, Jan – 2005, pp 925 – 930

5. B L Malleswari, Dr. I V Murali Krishan and Dr. K Lalkishore, “Smoothing of Single Frequency ML – 250 GPS Receiver Coordinates using Kalman Filter” – Race – 2005, SRKR College of Engineering, Bhimavaram, 24<sup>th</sup> – 25<sup>th</sup> June 2005, pp 17
6. B L Malleswari, Dr. I V Murali Krishan and Dr. K Lalkishore, “Multi User Detection in CDMA” – Race – 2005, SRKR College of Engineering, Bhimavaram, 24<sup>th</sup> – 25<sup>th</sup> June 2005, pp 16
7. B L Malleswari, Kalpana, Sanjana and Arjun, “Networking of Embedded System through GPRS”, ICORG, Hyderabad, 5<sup>th</sup> – 8<sup>th</sup> June 2006, pp 76
8. B L Malleswari, NB Prasanth and K.Praveen, “Think Type Implementation using Brain Computer Interface”, ICORG, Hyderabad, 5<sup>th</sup> – 8<sup>th</sup> June 2006, pp 629
9. B L Malleswari, Dr. I V Murali Krishan and Dr. K Lalkishore, “GSM – CDMA Economic Study” Presented at ICORG Hyderabad, 5<sup>th</sup> – 8<sup>th</sup> June 2006, pp 76.
10. B L Malleswari, Dr. I V Murali Krishan and Dr. K Lalkishore, “Kalman Filter for GPS Datum Conversion”, Presented at All India Seminar on Role of Telecommunications for betterment of Society – 15<sup>th</sup> -16<sup>th</sup>, 2006 by IOE, Hyderabad, India, pp 5.13-5.20.
11. B L Malleswari, Dr. I V Murali Krishan and Dr. K Lalkishore, “Networking of Embedded System through GPRS”, Presented at a Global Meet – MAP WORLD FORUM, 22<sup>nd</sup> – 25<sup>th</sup> January, 2007 by GIS Development India Private Limited, Hyderabad International Convention Center, Hyderabad, India, pp 30
12. B L Malleswari, Dr. B L Deekshithulu, Dr. I V Murali Krishan, Dr. K Lalkishore and M Seetha, “Kalman Filter for GPS Data Preprocessing”, ISSDQ 2007, ITC, Netherlands, June 13<sup>th</sup> – 2007



13. M Seetha, Dr. B L Deekshithulu, Dr. I V Murali Krishan and B L Malleswari, “Performance Analysis of Image Fusion Techniques by Image Segmentation”, ISSDQ 2007, ITC, Netherlands, June 13<sup>th</sup> – 2007
14. B L Malleswari, Dr. I V Murali Krishan and Dr. K Lalkishore, “Integration of Kalman Filter with GIS in the Modeling of GPS Errors”, National Conference on Computing and Communication, 2008, GNITS, Hyderabad, 28<sup>th</sup> and 29<sup>th</sup> November, 2008, pp 98 – 103
15. Nagaratna P Hedge, Dr. K V Chalapathi Rao, G P Hedge, Dr. I V Murali Krishan, Dr. M Seetha and Dr. B L Malleswari, “Soft Technique for Dynamic Modeling of the Settlement Growth”, International Conference ICSCI 2009, Hyderabad, Jan 7<sup>th</sup> – 10<sup>th</sup>, 2009
16. Dr. B L Malleswari, Dr. I V Murali Krishan , Dr. M Seetha, Nagaratna P Hedge and B Praneetha, “Integration of Cellular and GIS Technologies for Vehicle Tracking Information System” – A Global Meet – MAP GLOBAL FORUM, 9<sup>th</sup> -13<sup>th</sup> Feb, 2009 by GIS Development India Private Limited, Hyderabad International Conference Center, Hyderabad, India
17. Dr. M Seetha, Dr. I V Murali Krishan, Dr. B L Deekshithulu, Dr. B L Malleswari and Nagaratna P Hedge, “Remote sensing Applications in Government import planning and supply chain management” – A Global Meet – MAP WORLD FORUM, 9<sup>th</sup> -13<sup>th</sup> Feb, 2009 by GIS Development India Private Limited, Hyderabad International Conference Center, Hyderabad, India
18. Swapna Raghunath, and Dr. B L Malleswari, “Performance Comparison of Linear and Nonlinear Kalman Filters – A Review, NCFACE – 2009, Deccan College of Engineering and Technology, 19<sup>th</sup> – 21<sup>st</sup> March – 2009, Hyderabad
19. G P Hedge, Dr. Nagaratna P Hedge, Dr. M Seetha, Dr. B L Malleswari, “Spatial Spectral Quality Evaluation of Fused Images using Conventional and Non-Conventional Fusion Technologies” – A National Conference on Recent Trends

in Computer Science and Information Technology at Gurunanak Dev College of Engineering, Beedar, 8<sup>th</sup> – 9<sup>th</sup> May, 2009

20. Dr. B L Malleswari, “Performance evaluation for digital matched filter”, National conference on VLSI & Embedded System, SNIST, June 29 – 30, 2009
21. Dr. Nagaratna P Hedge, G P Hedge, Dr. M Seetha, Dr. B L Malleswari, Dr. I V Murali Krishan, “Land Change Prediction using Soft Computing Techniques”, ICIP – 2009, Bangalore, 7<sup>th</sup> – 9<sup>th</sup> August, 2009, pp 701 – 711
22. Swapna Raghunath, and Dr. B L Malleswari, “A Comparative Study of Linear and Non Linear Kalman Filters for GPS Applications”, SPCOM – 2009, MRCET, 4<sup>th</sup> and 5<sup>th</sup> December, 2009, pp 68 – 71
23. Dr. B L Malleswari, Dr. I V Murali Krishan, Dr. K Lalkishore, “Vehicle Tracking Information System by Integrating Cellular and GIS Technologies”, International Conference ICSCI 2010, Hyderabad, Jan 27<sup>th</sup> – Jan 30<sup>th</sup>, 2010
24. A Ramesh Kumar, Dr. B L Malleswari and G Rajendra, “Performance Evaluation for Digital Matched Filters” at Srinidhi Institute of Science and Technology, Hyderabad on June 29-30. 2009
25. A Ramesh Kumar, Dr. B L Malleswari, “Hybrid Form Hierarchical Matched Filter on Field Programmable Gate Array Based on WCDMA”, International Conference ICSCI 2010, Hyderabad, 27<sup>th</sup> Jan – 30<sup>th</sup> Jan, 2010 got best paper.
26. K Sindhura, Dr. B L Malleswari, “High Speed Parallel Architecture for Cyclic Convolution Based on Fermat Number Transform” at 31<sup>st</sup> IETE Symposium, SV University, Tirupathi, April, 2010
27. S Sreenivasulu, Dr. B L Malleswari, K Chandra Sekhar, “Integration of GSM, GPS, MEMS INS for Land Vehicle in Transportation Assistance System” at National Conference on New Advances in Computer and Communication s – NACC 2010, Bangalore, 17<sup>th</sup> April, 2010

28. K Harshitha, Dr. B L Malleswari, "Smart Card" at National Conference on New Advances in Computer and Communications – NACC 2010, Bangalore, 17<sup>th</sup> April, 2010
29. K Harshitha, Dr. B L Malleswari, "Fluorescent Disk" at National Conference on New Advances in Computer and Communications – NACC 2010, Bangalore, 17<sup>th</sup> April, 2010
30. K V N Saroja, Dr. B L Malleswari, L Swarnalatha, "Cloud Computing" at National Conference on New Advances in Computer and Communications – NACC 2010, Bangalore, 17<sup>th</sup> April 2010.
31. Madhuri P, Dr. B L Malleswari, Ganapathi Reddy, A Review on exponential companding transform for peak to average power ratio reduction in OFDM, ICNS, April 8-10, 2011, kanyakumari
32. Madhuri P, Dr. B L Malleswari, Ganapathi Reddy Ch, "Peak-to-Average Power Ratio (PAPR) Reduction by Clipping Based Active Constellation Extension (CB-ACE) Algorithm" at NCIS, Manipal University, Manipal, April, 2011.
33. C. Padmaja Dr. B.L.Malleswari, A high speed wireless data communication through OFDM and its Application to 4G, SANKETA, National conference on Emerging trends in Communication and signal Processing techniques, on 21.1.12 at Thirupathi.
34. V Sudha Rani, Dr. B L Malleswari, "Study of PAPR Reduction Techniques in MC-CDMA" at International Conference on Communication and Signal Processing, ICCSP – 2012, Ongole, April 2<sup>nd</sup> – 4<sup>th</sup>, 2012, pp 38 – 42
35. A. Ramesh Kumar, B L Malleswari and G Rajendra, "Performance Evaluation for Digital Matched Filters", National Conference on VLSI & Embedded Systems, Sreenidhi Institute of Science and Technology, Hyderabad, June 2009.
36. A Ramesh Kumar, B L Malleswari, "Hybrid Form Hierarchical Matched Filter on Field Programmable Gate Arrays based on WCDMA", International

Conference on Systemics, Cybernetics, and Informatics (ICSCI-2010),  
Pentagram Research Centre, Hyderabad, January 2010.

- 37.A Ramesh Kumar, B L Malleswari, K Lalkishore, G Rama Subba Reddy,  
“Implementation of Hierarchical Matched Filter on FPGA for WCDMA  
Systems”, International Conference on Advances in Information,  
Communication Technology and VLSI Design (ICAICV-2010), PSG College of  
Technology, Coimbatore, August 2010.
38. Padmaja C. And Dr Malleswari B.L. ‘A High Speed Wireless Data  
Communication Through OFDM & Its Applications to 4G’, SANKETA – 2012,  
National Congress on Emerging Trends in Communications & Signal Processing  
Techniques (SANKETA – 2012), 21<sup>st</sup> January 2012, organized by the  
department of ECE, SV University College of Engineering & IETE, Tirupati  
Center, Tirupati.
39. V Sudha Rani, Dr B L Malleswari, “A Review: OFDM with Diversity  
Techniques in Wireless Communications”, MPGI National Multi Conference  
(MPGINMC – 2012), 7<sup>th</sup> – 8<sup>th</sup> April, 2012, pp 118.
40. Madhuri P, Dr B L Malleswari, “A Review On: Peak-To-Average Power Ratio  
Reduction by CB-ACE Algorithm” at National Congress on Communication and  
Computer Aided Electronics Systems (CCAES – 2012), 20<sup>th</sup> – 21<sup>st</sup> April, 2012,  
CBIT, Hyderabad.
41. C Padmaja, Dr B L Malleswari, “Bit – Error Rate Performance in OFDM  
Systems Using Blind Adaptive Equalization Technique” at National Congress  
on Communication and Computer Aided Electronics Systems (CCAED – 2012),  
20<sup>th</sup> – 21<sup>st</sup> April, 2012 CBIT, Hyderabad.
42. V Sudha Rani, Dr B L Malleswari, “Significance of PAPR Reduction in OFDM  
and MC-CDMA” at National Congress on Communication and Computer Aided  
Electronics Systems (CCAES – 2012), 20<sup>th</sup> – 21<sup>st</sup> April, 2012, CBIT, Hyderabad.

43. Swapna raghunath, Dr B L Malleswari, Sridher k, “Kalman filter - Reducing GPS Datum conversion errors in GPS (CCAES – 2012), 20<sup>th</sup> – 21<sup>st</sup> April, 2012, CBIT, Hyderabad.
44. P.Nalini, Dr B L Malleswari, “Comparative analysis of classification methods implemented in content based image retrieval system in International conference on Recent Advances indesign, Development and operation of Micro Air Vehicles (ICRAMAV 2012) on Dec 10.12.12 at JNTUH , pp: 83-92.
45. Padmaja C. And Dr Malleswari B.L. ‘Performance Analysis of Space Time Coding Techniques’, ICRTCS-2014, 2nd International Conference on Electronics and Communication Engineering, ISBN: 978-81-31703-83-5, 26th May 2013, Bangalore. Received Best Paper Award.
46. Swapna raghunath and Dr.B.L.Malleswari, “Accuracy improvement in GPS coordinates using Kalman and Extended Kalman Filters”, 2nd International Conference on Advanced Computing methodology 2013, ICACM 13 and ISBN: 9789351071495, ELSEVIER on August 2-3, 2013, GRIET, Hyderabad.
- 47.P. Sreesudha, Dr. B.L. Malleswari, “Performance Analysis of MIMO-CDMA Based on Space-Time Coding”, 2nd International Conference on Advanced Computing methodology 2013, ICACM 13 and ISBN: 9789351071495, **ELSEVIER** on August 2-3, 2013, GRIET, Hyderabad, pp 142-144.
- 48.C.Padmaja, Dr.B.L.Malleswari, “Review: Fading channels and its mitigation techniques” 3<sup>rd</sup> National Conference on “Latest Trends in Signal Processing, VLSI and Embedded Systems” 20<sup>th</sup> -21<sup>st</sup> June, 2014, GCET, Hyderabad.
49. Padmaja C. And Dr. Malleswari B.L. ‘Performance Analysis of Space-Time-Frequency MIMO OFDM Techniques’, ICAETR – 2014, IEEE International Conference on Advances in Engineering & Technology Research during 1<sup>st</sup> and

2<sup>nd</sup> August 2014 by Dr. Virendraswarup Group of Institutions, Unnao, India.  
ISBN: 978-1-4799-6393-5/14/\$31.00 ©2014 **IEEE**.

50. C.Padmaja, Dr.B.L.Malleswari, “Performance Analysis of rate adaptation in MIMO OFDM” National Conference on Communications, Signal Processing and systems (NCCSPS-2014), 24-25 August 2014, JNTUH, ECE Dept
- 51.P. Nalini, Dr. B. L. Malleswari, “Content Based Medical Image Retrieval Systems for Medical Image Annotation” 3<sup>rd</sup> International Conference on Communications, Signal Processing, Computing and Information Technologies (ICCSPCIT – 2014), International conference organized by Malla Reddy College of Engineering and Technology, Hyderabad, during December 26<sup>th</sup> and 27<sup>th</sup> 2014. Pp: 104-106.
- 52.Padmaja C. And Dr. Malleswari B.L. ‘Performance Comparison of Adaptive Coded Modulation Techniques in OFDM’, EESCO–2015, IEEE, International Conference on Electrical, Electronics, Signals, Communication and Optimization during 24<sup>th</sup> and 25<sup>th</sup> January 2015 by Vignan’s Institute of Technology, VIT, Vizag, ECE Dept. ISBN: 978-1-4799-7678-2/15/\$31.00 ©2015 IEEE.
- 53.Padmaja c and Dr. B.L.Malleswari , “Performance analysis of MIMO-OFDM under imperfect channel state information”, 3<sup>rd</sup> International Conference on Electrical Electronics, Engineering Trends, Communication, optimization and Sciences (EEECOS-2016) organized by Sasi Institute of Technology and Engineering, Tadepalligudem, Andhra Pradesh, 1<sup>st</sup> and 2<sup>nd</sup> June 2016, Indexed by IET, ISBN: 978-1-4799-8465-2/16/\$31.00 IEEE
54. Sanjay Kumar K V S and Dr B L Malleswari , “MIMO Channel Estimation using EKF-STBC”, 3rd International Conference on Electrical Electronics, Engineering Trends, Communication, optimization and Sciences (EEECOS-2016) organized by Sasi Institute of Technology and Engineering,

Tadepalligudem, Andhra Pradesh, 1st and 2nd June 2016, Indexed by IET, ISBN: 978-1-4799-8465-2/16/\$31.00 IEEE, pp 652 – 657.

- 55.P. Nalini, Dr. B. L. Malleswari, "An Empirical Study and Comparative Analysis of Content Based Image Retrieval Techniques using Similarity Measures", 3rd International Conference on Electrical Electronics, Engineering Trends, Communication, optimization and Sciences (EEECOS-2016) organized by Sasi Institute of Technology and Engineering, Tadepalligudem, Andhra Pradesh, 1<sup>st</sup> and 2<sup>nd</sup> June 2016, Indexed by IET, ISBN: 978-1-4799-8465-2/16/\$31.00 IEEE, pp 652 – 657.
56. Padmaja C. And Dr. Malleswari B.L.," Link adaptation metrics of 4G systems-survey", at International Conference on Technoogical Innovations in Engineering, ICTIE 2016, MAYEER'S MIT College, Pune, 15 – 16 of Decmber, 2016.
57. P. Nalini, Dr. B. L. Malleswari, "Experimental Analysis of Medical Image Classification and Retrieval Techniques", at 5<sup>th</sup> International Conference on Communications, Signal Processing, Computing and Information Technologies (ICCSPCIT – 2016), International conference organized by Malla Reddy College of Engineering and Technology (MRCET), Hyderabad, ISBN: 978-93-83038-45-9, during December 16<sup>th</sup> and 17<sup>th</sup> 2016. Pp: 95-103.
58. Padmaja C and Dr. B.L.Malleswari, " Performance improvement analysis of 4G systems" at 5<sup>th</sup> International Conference on Communications, Signal Processing, Computing and Information Technologies (ICCSPCIT – 2016), International conference organized by Malla Reddy College of Engineering and Technology (MRCET), Hyderabad, ISBN: 978-93-83038-45-9 during December 16<sup>th</sup> and 17<sup>th</sup> 2016.

59. Sree sudha p and Dr. B.L.Malleswari, "Design of multi carrier CDMA-MIMO system by various spreading strategies", IEEE IACC 2017, JAN 5<sup>th</sup> to 7<sup>th</sup> 2017at VNRVJIT.
60. P. Nalini, Dr. B. L. Malleswari," An Empirical Study and Comparative Analysis of Medical Image Retrieval and Classification Techniques", at 2nd IEEE International Conference on Electrical, Computer and Communication Technologies (IEEE ICECCT 2017) held at SVS College of Engineering, Coimbatore, Tamil Nadu, India during 22 - 24, February 2017.
61. Padmaja C and Dr. B.L.Malleswari, "Performance analysis of coherent and noncoherent channel estimation""", presented in WiSPNET, 2017 at SSN college of engineering, Chennai, 22<sup>nd</sup>-24<sup>th</sup> of March , 2017.
62. Padmaja C and Dr. B.L.Malleswari, " Impact channel estimation errors on performance analysis of Adaptive OSTBC systems" presented at ICNETS 2017, Vellore Institute of Technology (VIT), Chennai, 23<sup>rd</sup> – 25<sup>th</sup> of March. 2017.
63. P. Nalini, Dr. B. L. Malleswari," Performance of Medical Image Retrieval Techniques: A comparative Analysis", at 4th IEEE International Conference on Electronics and Communication Systems (IEEE ICECS 2017) to be held at Karpagam Engineering College, Coimbatore, Tamil Nadu, India during 24 - 25, February 2017.
64. Sreesudha p and Dr. B.L.Malleswari, "An efficient channel estimation for BER improvement MC CDMA system using KGMO Algorithm", ICCSP 17, IEEE xplore, Adhi parasakthi engineering college, melvarumathur, Chennai, APRIL- 6<sup>th</sup> to 8<sup>th</sup> 2017; 978-1-5090-3799-5/17/431.00c2017 IEEE

**International Journals**



1. B L Malleswari, Dr. I V Murali Krishan, Dr. K Lalkishore and M Seetha, "Kalman Filter for GPS Data Preprocessing", International Journal of Geoinformatics, Thailand, March, 3rd Volume, 2007, pp 11 – 18
2. M Seetha, B L Malleswari, Dr. B L Deekshithulu and Dr. I V Murali Krishna, "Image Fusion – A Performance Assessment" Journal of Geomatics, Ahmadabad, April, 1st Volume, 2007 pp 33 – 42
3. M Seetha, Dr. I V Murali Krishna, Dr. B L Deekshithulu, B L Malleswari and Nagaratna P Hedge, "Artificial Neural networks and other methods of Image Classification", JATIT, Pakistan, Volume 5, November, 2008, pp 1039 – 10453
4. Dr. B L Malleswari, Dr. I V Murali Krishna, Dr. K Lalkishore, M Seetha and Nagaratna P Hedge, "The Role of Kalman Filter in the Modeling of GPS Errors" JATIT, International Journal, Pakistan, Volume 5, January, 2009, pp 95 – 101
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