

## Faculty Conference Publication

Before 30<sup>th</sup> June 2013

(Total 171)

### Dr. P N kulkarni

1. N. Tiwari, N. P. C. Pandey, and P. N. Kulkarni, "Real-time implementation of multi-band frequency compression for listeners with moderate sensorineural impairment," Proc. 13th Annual Conference of the International Speech Communication Association (Interspeech 2012), Portland, Oregon, September 9-12, 2012, paper no. 689
2. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, "Study of perceptual balance for designing comb filters for binaural dichotic presentation," Proc. 20<sup>th</sup> Int. Cong. Acoust. (ICA 2010, Sydney, Australia, 23-27 Aug. 2010), Paper no. 556.  
[paper\\_pnkulkarni\\_ica2010.pdf](#)
3. D. S. Jangamashetti, A. N. Cheeran, P. N. Kulkarni, P. N., and P. C. Pandey, "Simulation of increased masking in sensorineural hearing loss for a preliminary evaluation of speech processing schemes," Proc. 20<sup>th</sup> Int. Cong. Acoust. (ICA 2010, Sydney, Australia, 23-27 Aug. 2010), Paper no. 980.  
[paper\\_dsjangamashetti\\_ica2010.pdf](#)
4. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, "Multi-band frequency compression for sensorineural hearing impairment," Proc. 16th Int. Conf. Digital Signal Processing, (DSP 2009, Santorini, Greece), Paper S4P.1.  
[paper\\_pnkulkarni\\_dsp2009.pdf](#)
5. P. N. Kulkarni, and P. C. Pandey, "Optimizing the comb filters for spectral splitting of speech to reduce the effect of spectral masking," Proc. IEEE Int. Conf. Signal Processing Networking (ICSCN-08, Chennai, India), 69-73.  
[paper\\_pnkulkarni\\_icscn2008.pdf](#)
6. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, D. S. "Study of perceptual balance in comb filter based spectral splitting of speech signal to reduce the effect of frequency masking," Proc. Frontiers of Research in Speech and Music (FRSM 2008, Jadavpur University, Kolkata, India), pp. 101-105.  
[paper\\_pnkulkarni\\_frsm2008.pdf](#)
7. P. N. Kulkarni, and P. C. Pandey, "Frequency mapping for multi-band frequency compression for improving speech intelligibility," Proc. 14<sup>th</sup> National Conference on Communications (NCC 2008, Indian Institute of Technology Bombay, Mumbai, India), pp. 437-441.  
[paper\\_pnkulkarni\\_ncc2008.pdf](#)
8. P. N. Kulkarni, and P. C. Pandey, "Effect of binaural dichotic presentation with critical bandwidth based comb filters on source localization," Proc. 19<sup>th</sup> Int. Cong. Acoust. (ICA 2007, Madrid, Spain), paper PPA-09-005. [paper\\_pnkulkarni\\_ica2007.pdf](#)
9. R. S. Allurkar H. K. Verma, and P. N. Kulkarni, "Hearing aid research: a brief review," Proc. Frontiers of Research in Speech and Music (FRSM 2006, Lucknow, India).

10. R. S. Allurkar H. K. Verma, and P. N. Kulkarni, "Hearing aid research: Issues, Current trends, and Challenges," Proc. DEAFEXPO- 2006, Khanpur, India.

### **Prof. Sarojini B K**

1. Sarojini B. K., "Sensor Based Semi Automatic Blood Pressure Measuring Instrument", Proc. Of National Conference SIE-1993, pp. 143-149, Roorkee, 1993.
2. Sarojini B. K., "Design and Development of Digital Watthour Instrument", Proc. Of International Conference on Instrumentation (ICI 1996), pp. 270-275, IISc, Bengaluru, 1996.
3. Sarojini B. K., "Design and Development of Respiration Monitor", Proc. Of National Symposium on Instrumentation (NSI 25), pp. 73-75, IISc Bengaluru, 2000.
4. Sarojini B. K., "Design of Charge Pump Phase Locked Loop Based Clock Generation Circuits", Proc. Of International Conference on Bio-medical Electronics & Telecommunications (BET 2004), pp. 307-310, Andhra University, Vizakhapattanam, 2004
5. Sarojini B. K., "A Review on Handoff in Cellular Systems", Proc. Of International conference on Computer Applications, Pondicherry, 24- 27 Dcember, 2012.
6. Kotresh S., Sarojini B. K., "Estimation of Fractal Dimensions for EEG Seizure During Electro convulsive Therapy", Proc. Of International conference on Emerging Trends in Electrical, Communication and Information Technologies (ICECIT-2012), Srinivas Ramanujan Institute of Technology, Andhra Pradesh pp. 134-138, Published by Elsevier.

### **Dr. J D Mallapur**

1. J. D. Mallapur, S. S. Manvi and D. H. Rao, "Bandwidth Allocation for Multimedia Traffic by using Fuzzy Logic", Proceedings of 2006 3rd International IEEE Conference on Intelligent Systems, 04<sup>th</sup>-06<sup>th</sup> September 2006, Harrow School of Computer Science, University of Westminster, London, United Kingdom.
2. J. D. Mallapur, S. S. Manvi, and Jyoti Hurakadli, "Agent Based Routing Information Fusion in Wireless Ad-Hoc Networks", Proceedings of 2006 3rd International IEEE Conference on Intelligent Systems, 04<sup>th</sup>-06<sup>th</sup> September 2006, Harrow School of Computer Science, University of Westminster, London, United Kingdom.
3. J. D. Mallapur, S. S. Manvi and D. H. Rao, "Multicast Routing in Wireless Multimedia Network by using Fuzzy Logic", Proceedings of IEEE International Conference on Industrial Technology, 15<sup>th</sup>-17<sup>th</sup> December 2006, Renaissance Mumbai Hotel and Convention Centre, Mumbai, India.
4. J. D. Mallapur, and S. K. Padaganur, "ARP spoofing for Network Intrusion Detection", Proceedings of International Conference on IT and Business Intelligence (ITBI-2009), 06<sup>th</sup>-08<sup>th</sup> November 2009, Institute of Management Technology, Nagpur, India.
5. J. D. Mallapur, Ajaykumar C. K., C. H. Mathapati and Kirankumar B. B., "QoS Based Route Selection for Multicast Group in Wireless Multimedia Networks", Proceedings of INDICON 2009, 18<sup>th</sup>-20<sup>th</sup> December 2009, organized by IEEE Gujarat section in Ahmedabad at Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India, pp. 535-538.
6. J. D. Mallapur, Supriya B. Harlapur, Soumya S. Vastrad and Ajaykumar C. Katageri, "Speech Enhancement using Spectral Subtraction", Proceedings of International Conference on Recent Advancements in Electrical Sciences (ICRAES'10), organized by the Department of Electrical and Electronics Engineering and Electronics and Communication Engineering on 08<sup>th</sup>-09<sup>th</sup> January 2010, at K. S. Rangasamy College of Engineering Tiruchengode, Tamil Nadu, India, Vol.-II, pp. 471- 478.
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8. J. D. Mallapur, Syed Abidhusain, Soumya S. Vastrad and Ajaykumar C. Katageri, "Fuzzy Based Bandwidth Management for Wireless Multimedia Networks", Proceedings of International Conference on Recent Trends in Business Administration and Information Processing (BAIP 2010), on 26<sup>th</sup>-27<sup>th</sup> March 2010, at Maurya Rajadhani, Trivandrum city of Kerala, India.
9. J. D. Mallapur, S. S. Manvi, Ajaykumar C. Katageri and Renuka T. Ambiger, "QoS Based Scheduler in Wireless Multimedia Networks: A Fuzzy Approach", Proceedings of International Conference on Wireless Networks (ICWN'10), organized by the 2010 World Congress in Computer Science, Computer Engineering

and Applied Computing (WORLDCOMP'10), administered by Universal Conference Management Systems and Support (UCMSS), on 12<sup>th</sup>-15<sup>th</sup> July 2010, at Monte Carlo Resort, Las Vegas, Nevada, USA.

10. J. D. Mallapur, Supriya B. Harlapur, Sarojini B. K and Hiremath S. C, "Dwell Time for Vertical Handoff in 4G Networks", Proceedings of International Conference on Intelligent Network and Computing (ICINC' 2010), organized by the IEEE and IACSIT, on 26<sup>th</sup>-28<sup>th</sup> November 2010, at Kuala Lumpur, Malaysia, Vol. 2, pp. 470-474.
11. J. D. Mallapur, Supriya B. Harlapur, Ajaykumar C. Katageri and Virupakshreddy S. Patil, "Call Admission Control and Congestion Control for Integrated Packet Networks", Proceedings of International Conference on Methods and Models in Computer Science (ICM2CS-2010), on 13<sup>th</sup>-14<sup>th</sup> December 2010, organized by the School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi, India, pp. 100-105.
12. J. D. Mallapur, Kirankumar Y. Bendigeri, Ramachandra G. Kulkarni and Shridevi C. Hiremath, "Topology Scalability and Routing in Homogeneous and Heterogeneous Access Networks ", Proceedings of International Conference on Advances in Recent Technologies in Communication and Computing (ARTCC-IET), organized by Department of Electronics and Communication Engineering, REVA Engineering College, Bengaluru, India, September 2011.
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14. J. D. Mallapur, and S. K. Padaganur, "Topology Scaling in Heterogeneous Networks", Proceedings of International Conference on Emerging Trends in Engineering (ICETE-2012), 15<sup>th</sup>-16<sup>th</sup> May 2012, NMAM Institute of Technology, Nitte-Udupi, Karnataka, India.
15. J. D. Mallapur, Kiran Y. B, Sharanappa P. H and Somu P. P, "Angular Variation Methodology for Landslide Measurement," Proceedings of Fourth International Conference on Computational Intelligence, Communication Systems and Networks, 24<sup>th</sup>-26<sup>th</sup> July 2012, Puket, pp. 47-52.
16. J. D. Mallapur, Kiran Y. B, K. Nagarathna, S. C. Hiremath, "Trust Based Secured Routing in Wireless Multimedia Sensor Networks," Proceedings of Fourth International Conference on Computational Intelligence, Communication Systems and Networks, 24<sup>th</sup>-26<sup>th</sup> July 2012, Puket, pp. 47-52.
17. J. D. Mallapur, M. J. Sataraddi, S. C. Hiremath and Nagarathna, "Priority Based Scheduler for Bluetooth Network", Proceedings of International Conference on Advances in Communication, Computing and Control, (ICAC3), 18<sup>th</sup>-19<sup>th</sup> January 2013, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, India, CCIS 361, pp. 356-365.
18. J. D. Mallapur and Praveen S. Challagidad, "Secured Mechanism for Dynamic Key Generation in ATM System", Proceedings of International Conference on Advances in Communication, Computing and Control, (ICAC3), 18<sup>th</sup>-19<sup>th</sup> January 2013, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, India, CCIS 361, pp. 45-58.
19. J. D. Mallapur, Supriya H, Sontosh B. K and Tej H, "Optimization of Fuzzy Cluster Nodes in Cellular Multimedia Networks", Proceedings of International Conference on Signal Processing, Communication and Networking (ICSPCN-2013), 05<sup>th</sup>-06<sup>th</sup> June 2013, organised by World Academy of Science, Engineering and Technology, New York, USA.
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21. J. D. Mallapur, S. S Manvi and B. K. Sudheendra "Agent - Based Topology Discovery and Management in Wireless Ad-Hoc Networks", Proceedings of Electronics Futuristic Components-05, IETE, Bengaluru, India.
22. J. D. Mallapur, S. S. Manvi and D. H. Rao, "Fuzzy Based Bandwidth Allocation in Multimedia Application", Proceedings of the National Conference (SPCCN-2005), 02<sup>nd</sup>-03<sup>rd</sup> July 2005, VIT, Pune, India.
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25. J. D. Mallapur, S. S. Manvi, S. G. Hiremath and R. B. Vijayasree, "Unicast Routing in Wireless Multimedia Networks by using Fuzzy Logic" Proceedings of National Conference at ICON ADECCO-2007, Tamilnadu, India.

26. J. D. Mallapur, S. S. Manvi and D. H. Rao, "Delay and Jitter Based Multicast Path Computation in Wireless Networks: A Fuzzy Clustering Approach", Proceedings of the (NCC-2007), 16<sup>th</sup>-18<sup>th</sup> January 2009, Indian Institute of Technology, Guwahati, India, pp. 430-434.
27. J. D. Mallapur, Smt. Renuka T. Ambiger and Smt. Mamata J. Sataraddi, "A Mobile Synchronisation Algorithm for Multimedia Applications in Wireless Networks", Proceedings of the National Conference on Communication Networking, 27<sup>th</sup> March 2009, VAST, Thrissur, India, pp. 55-61.
28. J. D. Mallapur, Ajaykumar C. Katageri, Kirankumar B. B and Y. Bendigeri, "Heterogeneous Network Security", Proceedings of National Conference on Networking, Embedded and Wireless Systems (NEWS-2010), organized by the Department of Electronics and Communication Engineering, 06<sup>th</sup> August 2010, BMS College of Engineering, Bengaluru, India.
29. J. D. Mallapur, Renuka T. Ambiger, Ramachandra G Turkani, "Terrain Based Path Loss optimization in Wireless Multimedia Networks", Proceedings of National Conference on, Innovations and Trends in Computer and Communication Engineering (ITCCE-2011), organized by Department of Electronics and Communication Engineering, 25<sup>th</sup> February 2011, MET Institute of Engineering, Nasik, Maharashtra, India.
30. J. D. Mallapur, Vishwanath M. Harnal, Kirankumar B. Balawad, "Intelligent Location Tracking Strategy for Managing Users' Mobility", Proceedings of National Conference on, Innovations and Trends in Computer and Communication Engineering (ITCCE-2011), organized by Department of Electronics and Communication Engineering, 25<sup>th</sup> February 2011, MET Institute of Engineering, Nasik, Maharashtra, India.
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### **Dr. B G Sheeparamatti**

1. Dr. Sanjeev Dasarao, B.G.Sheeparamatti, "Defining the control Problems in a failing heart, with or without circulatory assist devices" 45<sup>th</sup> Annual Conference Indian Association of Cardiovascular- Thoracic Surgeons, Bhopal during 25<sup>th</sup> to 28<sup>th</sup> Feb. 1999.
2. B.G.Sheeparamatti, C.M.Javalagi, S.B.Kerur, "Manufacturing Micro and Nano Structures", National seminar on Recent Advances in Automation in Manufacturing organized by Institute of Engineers Mangalore Local Center and NMAM Institute of Technology, Nitte on 16<sup>th</sup> Feb. 2002, pp.109-114.
3. B.G.Sheeparamatti, Shashidhar Patil, Rajeshwari B.S, "Think about Environment Before Designing a Product", ISTE 32<sup>nd</sup> Annual Convention and National Seminar 27-29 Dec,2002, NMAM Institute of Technology Nitte (Poster presentation).
4. Shashidhar Patil, Kamala Patil, B.G.Sheeparamatti, "Environmental Aspects of Electrical Energy Generation", ISTE 32<sup>nd</sup> Annual Convention and National Seminar 27-29 Dec, 2002, NMAM Institute of Technology Nitte.
5. S.A.Angadi, C.M.Javalagi, B.G.Sheeparamatti, " Synergy of Technical Education System and Society: A pre-requisite for sustainable growth", ISTE 32<sup>nd</sup> Annual Convention and National Seminar 27-29 Dec, 2002, NMAM Institute of Technology Nitte.
6. Sheeparamatti B.G, Angadi S. A, "Embedded System Simulation: An Architecture for a Generic Tool", International Conference on Digital Aided Modeling and Simulation (DAMS-2003) 6-8 Jan 2003, pg 88.
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8. B.G.Sheeparamatti, Shashidhar Patil, S. A. Angadi, "Think about Environment Before Manufacturing", National Conference on World Class Manufacturing (WCM 2003) 7-9 May 2003, Organized by Amrita Institute of Technology and Science, Coimbatore.
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12. Sheeparamatti B.G, Rajeshwari Sheeparamatti, Kadadevaramath J.S, "MEMS based Microcantilever Sensors and Actuators: Nuclear Microbatteries " National Conference on Emerging Technologies and Applications (ETA-2005) organized by Saurashtra University, Rajkot and Amoghsiddhi Education Society Sangli during 1-2 Oct. 2005.
13. Rajeshwari Sheeparamatti, Vijayashri Budyal, Sheeparamatti B.G, "Implementation of I2C protocol using PIC Microcontroller" National Conference on Emerging Technologies and Applications (ETA-2005) organized by Saurashtra University, Rajkot and Amoghsiddhi Education Society Sangli during 1-2 Oct. 2005.
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20. Amrut. A Yalagi, Basavaprabhu G. Sheeparamatti, "Motivating Public/Mass to Explore Space" selected for oral/poster presentation in the IAC 2006, Valencia, Spain during 2nd -6th Oct 2006.
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22. B. G. Sheeparamatti, J.S.Kadadevaramath, M.S.Hebbal, "FEM Simulation of Microcantilever based Thermal Microactuator" National Conference on Recent Advances in Design Engineering (RADE 2007) organized by Manipal Institute of Technology, Manipal during February 22 – 24, 2007.
23. Basavaprabhu G. Sheeparamatti, Jagadish. S. Kadadevaramath, M. S. Hebbal, Rajeshwari Sheeparamatti, "Modeling and Simulation of Microcantilever Beams for sensing and Actuating Applications" in proceedings 9th US National Congress on Computational Mechanics, Session 77: New Actuators and Mechanisms, pp-37.
24. Mallappa Hebbal, Vinay Math, Basavaprabhu Sheeparamatti "The Reduction of Root Fillet Stress in spur Gear using circular and elliptical stress relieving features" in proceedings of the 9th US National Congress on Computational Mechanics under Session 077, New Actuators and Mechanisms.
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28. B. G. Sheeparamatti, J.S.Kaddadevaramath, R.B.Sheeparamatti, "Modeling of Microcantilever based Nuclear Microbatteries", NSTI Nanotech-2008, 11th Annual Conference, 1-5 June 2008, Boston, Massachusetts, USA.

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33. Sujata N. Naduvinamani, B. G. Sheeparamatti, Sandeep Kalalbandi, Rajeshwari Sheeparamatti, "Simulation of Micro-Cantilever based Series Switch and Development of its ANN Model", IEEE Industrial Conference, at Melbourne, Australia during 7 to 10 Nov. 2011.
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### **Dr. Shridhar S K**

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### **Prof. S G Kambalimath**

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