

Publications

Books/ Manuals	Papers in Refereed International Journals	Contributed papers in Conference or Symposium
1	8	13

Citations	28
h - index	3
i10 - index	1

1. Manual

Computer Graphics Monograph Prepared under TEQIP-I during the year 2005-06.

2. Papers in Refereed International Journals

- i. Trisiladevi C. Nagavi and Nagappa U. Bhajantri, "Enhanced Perceptual Feature Space with Context Drift Information for Query by Humming System", International Journal of Reasoning-based Intelligent Systems (IJRIS), **Inderscience Publishers**, Vol.7, Nos.3/4, Pages 161-170, 2016. **Impact Factor of 1.391. (Indexed by Scopus (Elsevier), DBLP, Inspec (Institution of Engineering and Technology etc.)**
- ii. Trisiladevi C. Nagavi and Nagappa U. Bhajantri, "Fast Query By Humming System based on Complex Multiscale Music Entropy and CMMEB Kd Tree", International Journal of Grid and Utility Computing (IJGUC), **Inderscience Publishers**, Vol.6, No. 3/4, Pages 159-169, 2015. **Impact Factor of 1.091. (Indexed by DBLP, Elsevier – SCOPUS)**
- iii. Trisiladevi C. Nagavi and Nagappa U. Bhajantri, "Progressive Filtering Approach for Query by Humming System through Empirical Mode Decomposition and Multiresolution Histograms", The Journal of Intelligent Systems (JISYS), **De Gruyter Publications**, Vol.24, Issue 2, Pages 265–275, June 2015. **Impact Factor of 1.21. (Indexed by CNPIEC, DBLP, Elsevier – SCOPUS, IEEE etc.)**
- iv. Trisiladevi C. Nagavi and Nagappa U. Bhajantri, "Enhanced Statistical Descriptors of the Intrinsic Mode Functions for Query by Humming Systems", **International Journal of Information Processing (IJIP)**, Volume 8, Issue 4, Pages 45-55, December 2014. **Impact Factor of 1.209. (DBLP Indexed)**
- v. Trisiladevi C. Nagavi and Nagappa U. Bhajantri, "An Extensive Analysis of Query by Singing/Humming System through Query Proportion", The

International Journal of Multimedia and Its Applications (IJMA) Vol.4, No.6, Pages 73-86, December 2012. **Impact Factor of 0.989. (Indexed by DBLP)**

- vi. Trisiladevi C. Nagavi and Sachin Kumar H. S., "A Case Study of Implementing a GDB Interface between an ARM based Simulator and GNU Debugger", *International Journal of Current Research and Modern Education (IJCRME)*, Volume I, Issue II, Pages 15-19, 2016. **Impact Factor: 6.725. (Indexed by Google Scholar)**
- vii. Trisiladevi C. Nagavi, Vijeta Sinha and Subramanya C. R, "VPO: An Expert System for Project Portfolio Management", *International Journal of Advanced Research in Computer Science and Applications*, Volume 3, Issue 7, Pages 1-6b, July 2015, **Impact Factor : 1.432. (Indexed by Google Scholar)**
- viii. Trisiladevi C. Nagavi and Ramya J, "Analysis of Basic Architectures used for Lifecycle Management and Orchestration of Network Service in Network Function Virtualization Environment", *International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)*, Volume 5, Issue 7, PP: 704 – 708, July 17, **Impact Factor 5.837. (Indexed by Google Scholar)**

3. Contributed papers in Conference or Symposium

- i. Trisiladevi C. Nagavi and Nagappa U. Bhajantri, "A New Approach to Query by Humming Based on Modulation Frequency Features", *Proc. of the IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET)* technically sponsored by IEEE, held at Sri Sivasubramaniya Nadar College of Engineering, Chennai, India, from March 22 to 24, 2017. **(Indexed by CNPIEC, DBLP, Elsevier – SCOPUS, IEEE)**
- ii. Trisiladevi C. Nagavi and Nagappa U. Bhajantri, "Effectiveness of Empirical Mode Decomposition for Query by Humming Systems", *Proc. of the Elsevier Science and Technology Eighth International Conference on Data Mining and Warehousing (ICDMW 2014)*, 25th-27th July 2014, pp. 259-267 UVCE, Bangalore, Karnataka, India. **(Indexed by DBLP)**
- iii. Trisiladevi C. Nagavi and Nagappa U. Bhajantri, "Relating Perceptual Feature Space and Context Drift Information in Query by Humming System", *Proc. of the Springer International Conference on Intelligent Computing, Communication and Devices (ICCD)*, Volume 2, 18th and 19th April 2014, Siksha 'O' Anusandhan University, Bhubaneswar, Odisha, India, Springer, *Intelligent Computing, Communication and Devices, Advances in Intelligent Systems and Computing*, , pp. 161-171, Vol. 309, 2015. **(Indexed by ISI Proceedings, DBLP, SCOPUS, IEEE, Springerlink etc.)**

- iv. Trisiladevi C. Nagavi and Nagappa U. Bhajantri, "Query by Humming System through Multiscale Music Entropy", Proceedings of the **Springer** International Conference on Intelligent Computing, Communication and Devices (ICCD), Volume 2, 18th and 19th April 2014, Siksha 'O' Anusandhan University, Bhubaneswar, Odisha, India, Springer, Intelligent Computing, Communication and Devices, Advances in Intelligent Systems and Computing, , pp. 139-150 ,Vol. 309, 2015. **(Indexed by ISI Proceedings, DBLP, SCOPUS, IEEE, Springerlink etc.)**
- v. Trisiladevi C. Nagavi and Krishna Joshi, "Audio CAPTCHA for Visually Challenged", Proc. of **IEEE International Conference on Human Computer Interactions (ICHCI'13)**, jointly organized by IEEE Madras Section and Saveetha University, Thandalam Campus, Chennai during 23rd – 24th August 2013.
- vi. Trisiladevi C. Nagavi, Anusha S B, Monisha P and Poornima S P, "Content Based Audio Retrieval with MFCC Feature Extraction, Clustering and Sort-Merge Techniques", Proc. of 4th **IEEE International Conference on Computing, Communication and Networking Technologies (ICCCNT 2013)** held during 4th - 6th July 2013 organized by Vivekanandha College of Engineering for Women, Elayampalayam, Tiruchengode, Namakkal District, Tamil Nadu, India, Pages: 1-6, IEEE Xplore Digital library.
- vii. Trisiladevi C. Nagavi, Neeti N, Ramya M Hegde and Meghana M, "Music Retrieval through Query by Singing; using KD-Tree for Searching and Retrieval", Proc. of International Conference on Electrical Engineering and Computer Science (ICEECS), 19th May 2013, Pages 49-53, Nagpur, Maharashtra, India.
- viii. Trisiladevi C. Nagavi and Nagappa U. Bhajantri, "Progressive Filtering Using Multiresolution Histograms for Query by Humming System", Proceedings of the First **Springer** International Conference, ICMCCA, 13-15 December 2012, PESIT, Bangalore, Multimedia Processing, Communication and Computing Applications, **Springer Lecture Notes in Electrical Engineering (LNEE)**, Volume 213, pp 253-265, Springer India, 2013, Book Chapter. **(Indexed by ISI Proceedings, SCOPUS, Springerlink, DBLP, IEEE etc.)**
- ix. Trisiladevi C. Nagavi and Nagappa U. Bhajantri, "Perceptive Analysis of Query by Singing System through Query Proportion", **ACM** Proc. of International Conference on Computational Science, Engineering and Information Technology (CCSEIT-2012), pp. 580-586, 26th-28th October 2012, [Avinashilingam University](#), Coimbatore, India. **ACM International Conference Proceeding Series (ICPS)**. **(Indexed by DBLP, SCOPUS, IEEE)**
- x. Trisiladevi C. Nagavi and Nagappa U. Bhajantri, "Overview of Automatic Indian Music Information Recognition, Classification and Retrieval Systems", **IEEE** Proc. of International Conference on Recent Trends in Information Systems (ReTIS-2011), pp 111-116, 21st -23rd December 2011, **Jadavpur University, Kolkata, India**, IEEE Computer Society. **(Indexed by DBLP, Elsevier – SCOPUS, IEEE etc.)**

- xi. Trisiladevi C. Nagavi and Raju K, "Automatic Extraction of Date and Courtesy Amount from Indian Bank Cheque Images for Cheque Processing System", Proc. of International Conference on Systemics, Cybernetics and Informatics (ICSCI-2008), 2nd -5th January 2008, Pentagram Research Centre, Hyderabad India. **Best Paper award** is received for the same.
- xii. Trisiladevi C. Nagavi and Vinay S, "Wireless Intruder Detection", Proc. of National Conference on Emerging Principles and Practices of Computer Science and Information Technology (**EPPCSIT 2006**), 18th and 19th August 2006, Guru Nanak Dev Engg College **Ludhiana**.
- xiii. Trisiladevi C. Nagavi and Arun T R, "SMIS Provider for NAS on Linux", **HP** Proc. of National Conference on Storage Technology and Software Division (STSD 2006), 18th May 2006, HULKUL Building, HP Bangalore.