

Research Work for Doctor of Science (D.Sc.) Degree

HCI *My Contribution*

Since childhood, I am interested in Drawing and Painting, especially Oil Portrait Paintings, Natural Wood Art, Photography, etc. During school and college days my paintings (portraits) got first prizes in many competitions. My friend circle of “Chitrakala Mahavidyalaya Nagpur” helped me a lot for nurturing this hobby. When I entered in the field of Computers, I was fascinated by several Computer Technologies like Multimedia Technology, Usability Engineering, Human Computer Interaction (HCI), Graphical User Interfaces (GUI), Digital Film Design, Graphics Design, Animation Design, Streaming Multimedia, Web Design, Media Design, E-Learning, M-Learning, Digital Game Design etc. In addition to this, I have lot of interest in the fields like Ergonomics, Behavioral Sciences, Human Psychology, Human Thought Process and Mental Models, etc. My hobby and profession could perfectly matched and this unique blend produced wonderful results.

Contents

1. HCI or Usability Engineering	1
1.1. Introduction to Ergonomics and HCI (or Usability Engineering).....	1
1.2. NLP and HCI	1
1.3. HCI and E-learning.....	1
2. My Contributions	1
2.1. Guided PhD Thesis.....	1
2.2. Guided MTech or Mphil Thesis	2
2.3. Audio-Visual Simulations	2
2.4. My Research Papers in the Field of HCI or Usability Engineering	2

1. HCI or Usability Engineering

1.1. Introduction to Ergonomics and HCI (or Usability Engineering)

Ergonomics is an applied science concerned with **designing** and arranging things people use so that the people and things interact most efficiently and safely. This is the science concerned with **designing safe and comfortable machines for humans**. For example,

- Designing furniture that avoids causing backaches and muscle cramps.
- Automobile Design which is suitable and comfortable for human anatomy.

Human Computer Interaction (HCI) or Usability Engineering or User Interface Design is my one of the specialization, which is an **extended branch of Ergonomics**. Human-computer interaction (HCI) researches the design and use of computer technology, focusing particularly on the interfaces between people (users) and computers.

Human Computer Interaction (HCI) involves the study, planning, and design of the interaction between people and computers. It is often regarded as the intersection of computer science, behavioral sciences, design and several other fields of study.

1.2. NLP and HCI

Natural Language Processing (NLP) is a field of computer science, artificial intelligence, and linguistics concerned with the interactions between computers and human (natural) languages. Specifically, it is the process of a computer extracting meaningful information from natural language input and/or producing natural language output. **In theory, NLP is a very attractive method of HCI**. The HCI and NLP are unifying their effort to build innovative intelligent human computer interfaces.

1.3. HCI and E-learning

E-Learning and M-Learning - Extensive Use of HCI (Branch of Ergonomics): E-learning is one of my specialization fields. My topic of Ph.D. Thesis is “Study of Effective Design Methods and Implementation of E-learning Software”. The artistic nature and multimedia technology have helped me a lot to develop E-learning software.

2. My Contributions

2.1. Guided PhD Thesis

Guided PhD Scholars in HCI

SN	PhD Scholars	Title of Thesis	Awarded or Thesis Submitted
1.	Dr. Manoj B. Chandak, Associate Professor and Head, RKN Engineering College, Nagpur	“Machine Translation Strategies and Speech Synthesis Initiatives for Indian Languages”	Awarded on 16 Mar 2013 by RTM Nagpur University

2.	Dr. U. S. Junghare, SGB Amravati University	“Study of Implementation Issues of 3D Visualization on Mobile Platforms”	Awarded on 20 Sept 2013 by SGB Amravati University
3.	Dr. Pravin Ramkrishna Futane, Associate Professor and Head, Sinharhar Engineering College, Pune	“Generic framework of Sign language Recognition”	Awarded on 12 Dec 2015 by SGB Amravati University
4.	Dr. Prafulla E Ajmire, Khamgaon	“Study of various Methodologies for Handwritten Character Recognition and Development of algorithm for Off-line Handwritten Marathi Text Recognition”	Awarded on 15 May 2017 by RTM Nagpur University
5.	Mr. Kishor H. Walse, Associate Professor and Head, Anuradha Engineering College, Chikhali	“Effective Pervasive Adaptive Mobile Interfaces”	Awarded on 26 Oct 2017 by SGB Amravati University
PhD Submitted			
6.	Miss. Sharda A. Chhabria, GHRCE, Nagpur	“Intelligent Gesture Recognition to Design More Efficient & Intelligent Multimodal System” (submitting stage)	Submitted Thesis to PhD Cell RTM Nagpur University.

2.2. Guided MTech or Mphil Thesis

I have guided few **MTech projects** on this topic.

- Ms. Ekta Pashine: “Design of a human-computer interface system (HCI)”
- Mr. Manish K. Assudani: “Efficient Adaptive Mobile Interface Through Web Browsing”
- Ms. Sushma D. Ghode: “Designing and Implementation of Computer Interaction Using Human Posture Identification”
- Ms. Apeksha Sakhare, “Wireless Touch Screen Controller for Vehicle”
- Ms. Kushbu Thakkar “Text Categorization for Digital Forensic”
- Mr. Shantanu Lohi, “Analysis and Design of a Comprehensive Text Categorization Approach for English Language”
- Mr. Nilesh M. Shelke, “Restricted Bilingual Domain Query Processing System using Intelligent Software Agents”
- Ather Eqbal, “More efficient Recognition of Handwritten Urdu Characters”

2.3. Audio-Visual Simulations

I have developed 50 hours film for teaching C language programming through screen capturing techniques. In addition to this, I have developed 5 hours movies for teaching C++, VB and HTML. Next few sections highlight this work.

2.4. My Research Papers in the Field of HCI or Usability Engineering

I have published or presented total **367** research papers. The **HCI or Usability Engineering** related research papers (**total 174**) are as follows:

- International Journal Research Papers (77)
- International Conference Research Papers (52)

- National Conference Research Papers (50)

2.4.1. International Journal Research Papers (77)

Rajiv Dharaskar

1. R. V. Dharaskar, V. M. Thakare, "Technique to Develop Effective E-Learning Software to Simulate a Teacher Using SCORM Based Interactive Multimedia RLO for Non-Linear Teaching", International Journal of Information Technology and Management (IJITM), Vol. 6 (1), pp 105-116, 2007, <http://dl.acm.org/citation.cfm?id=1360284> , <http://www.inderscience.com/offer.php?id=11910> , Google Scholar Citation: 01, Included in **Scopus** Profile
2. Rajiv Dharaskar , V. Bajpayee , N. Choube and Vilas Thakare, "E-Learning Software for Mathematical Concepts and Algorithms of Computer Graphics", Information Technology Journal, Vol. 5(1), pp. 172-176, 2006, <http://scialert.net/fulltext/?doi=itj.2006.172.176> , <http://docsdrive.com/pdfs/ansinet/itj/2006/172-176.pdf> , **Google Scholar Citation: 03**, **Scopus** Citation: 1
3. R. V. Dharaskar, V. M. Thakare, "EPP for Improving Project Quality in Software Engineering Based E-learning Development Process", Information Technology Journal, Vol. 5(4), pp. 612-625, 2006, <http://www.scialert.net/fulltext/?doi=itj.2006.612.625&org=11> , <http://docsdrive.com/pdfs/ansinet/itj/2006/612-625.pdf> , **Google Scholar Citation: 03**, **Scopus** Citation: 1
4. R. V. Dharaskar, V. M. Thakare, "Generalized P2P Collaborative Technique for Multimedia Based CBT", IETE Technical Review (Institution of Electronic and Telecommunication Engineers) , Vol. 22 (1), pp. 83-89, 2005, ISSN 0256-4602, https://www.researchgate.net/publication/291119070_Generalized_P2P_Collaborative_Technique_for_Multimedia_based_CBT , **Google Scholar Citation: 05**, **Scopus** Listed Journal
5. R. V. Dharaskar, V. M. Thakare, "M-Learning & E-learning Software for Microprocessor Using P2P, Mobile Computing, Cross Compiler and Simulation", Indian Journal of Information Science and Technology (IJIST), Vol. 1(2), pp: 9-20, 2006, https://www.researchgate.net/publication/324091421_M-Learning_E-learning_Software_for_Microprocessor_Using_P2P_Mobile_Computing_Cross_Compiler_and_Simulation
6. R. V. Dharaskar, V. M. Thakare, "Software Engineering Strategy to Reduce the Technology Assimilation Gap for Developing Effective Contents of E-Learning Software", The Chanakya, Journal of RIMS, Vol. 5(2), pp: 56-70, 2006, ISSN 0972-3943, https://www.researchgate.net/publication/324091248_Software_Engineering_Strategy_to_Reduce_the_Technology_Assimilation_Gap_for_Developing_Effective_Contents_of_E-Learning_Software

Smita R Khond

7. Smita R Khond, V. M. Thakare, R.V. Dharaskar, "Management of Collaborative Learning Data", International Journal for Computer Engineering and Information Technology (IJCEIT), Vol. 8(13), pp.36-39, 2010, https://www.researchgate.net/publication/324092241_Management_of_Collaborative_Learning_Data

M. K. Assudani

8. M. K. Assudani, R. V. Dharaskar, "An Efficient Adaptive Mobile Interface through Web Browsing", International Journal on Computer Engineering and Information Technology (IJCEIT), Vol. 15 (20), pp.1-8, 2010, https://www.researchgate.net/publication/324101800_An_Efficient_Adaptive_Mobile_Interface_through_Web_Browsing

Ayesha Butalia

9. Ayesha Butalia, Ms Divya Shah, Dharaskar R. V., "Gesture Recognition System", International **ACM** Conference on Futuristic Computer Applications (ICFCA 2010), 20-21 March, 2010, IISc Bangalore, 2010, International Journal of Computer Applications (IJCA), Vol. 1(5), pp. 61-67, 2010, ISSN 0975 – 8887, <https://pdfs.semanticscholar.org/fb54/aabfb05aa476f7ae1e5bafa0d945183220cc.pdf> , **Google Scholar Citation: 07**

Pragati G. Meshram

10. Pragati G. Meshram, R. V. Dharaskar, "A Real Time GSM Based Embedded System for Blood Glucose Level Monitoring and Messaging", International Journal on Computer Engineering and Information Technology (IJCEIT), ISSN 0974-2034, January 2010

Apeksha V. Sakhare

11. Apeksha V. Sakhare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "An Algorithm for the Steering control with the Simulation Results", International Journal on Computer Science and Engineering (IJCSE), Vol. 2(5), pp. 1435-1438, 2010, http://www.researchgate.net/profile/Apeksha_Sakhare/publication/49942111_AN_ALGORITHM_FOR_STEERING_CONTROL_WITH_SIMULATION_RESULTS/links/54d1a4a30cf28370d0e0e8e9.pdf, <http://www.enggjournals.com/ijcse/doc/IJCSE10-02-05-04.pdf>
- M. B. Chandak
12. M. B. Chandak, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Text to Speech Synthesis with Prosody feature: Implementation of Emotions in Speech output using Forward Parsing", International Journal of Computer Science and Security (IJCSS), Kuala Lumpur Malaysia, Vol. 4 (3), pp. 352-360, <http://www.cscjournals.org/manuscript/Journals/IJCSS/Volume4/Issue3/IJCSS-287.pdf>, **Google Scholar Citation: 08**
13. M. B. Chandak, Dr. Rajiv Dharaskar, "Natural Language Processing Based Context Sensitive, Content Specific Architecture and its Speech Based Implementation for Smart Home Applications", International Journal of Smart Home (IJSH), Vol. 4(2), pp. 1-9, March-April 2010, SERSC-KOREA, http://www.sersc.org/journals/IJSH/vol4_no2_2010/1.pdf, **Google Scholar Citation: 13, Scopus Citation: 6**
14. M. B. Chandak, Dr. Rajiv Dharaskar, "Emotion Extractor: AI based methodology to implement prosody features in Speech Synthesis", International Journal of Computer Science Issue (IJCSI), Vol. 8 (4) No. 2, pp. 371-375, July 2011, ISSN: 1694-0814, <http://ijcsi.org/papers/IJCSI-8-4-2-371-375.pdf>, Google Scholar Citation: 02, **Scopus** Listed Journal till 2012
15. M. B. Chandak, R. V. Dharaskar, V. M. Thakare, "Text to Speech Conversion and Speech Synthesis: Current State of Art and Existing Tools for Different Languages", International Journal of Engineering Research & Industrial Applications (IJERIA), Vol. 3(1), pp. 327-350, 2010, ISSN 0974-1518, http://www.ascent-journals.com/IJERIA/Vol3No1/Paper_26.pdf
16. Ruchika Sinhal, M. B. Chandak, R. V. Dharaskar, "A Simple Solution for Divergence in Pure EBMT", National Conference on Innovative Paradigms in Engineering & Technology (NCIPET-2012), Proceedings published by International Journal of Computer Applications (IJCA), pp. 25-29, 2012, <http://research.ijcaonline.org/ncipet/number12/ncipet1093.pdf>
17. M. B. Chandak, Dr. Rajiv Dharaskar, Dr. V. M. Thakare, "Emotion and Sentiment Analyzer: NLP Based Method to Extract Sentiments Related with Specific Topics", International Journal of Artificial Intelligence & Applications (IJAIA), South Korea, Vol. 4, 2011
- S. A. Chhabria
18. Sushma D. Ghode, S. A. Chhabria, Dr. R.V. Dharaskar, "Computer Interaction System Using Hand Posture Identification", International Journal of Digital Content Technology and its Applications (JDCTA), by advanced Institute of Convergence IT, Vol. 4 (5), August 2010, pp. 8-12, 2010, http://www.globalcis.org/jdcta/global/paper_detail.html?jname=JDCTA&q=186, <https://pdfs.semanticscholar.org/f89d/73057b16de11dfa315d95be0e425b10d1ad0.pdf?ga=2.208004049.21669029.1522805617-576097215.1522805617>, http://www.academia.edu/5903825/Computer_Interaction_System_using_Hand_Posture_Identification, Google Scholar Citation: 01, **Scopus Citation: 4**
19. S. A. Chhabria, Dr. R. V. Dharaskar, "Multimodal Interface for Disabled Persons", International Journal of Computer Science & Communication (IJCSC), 2011, Haryana, India, Vol. 2(1), pp. 223-228, http://www.academia.edu/3021099/Multimodal_interface_for_disabled_persons, http://csjournals.com/IJCSC/PDF2-1/Article_40.pdf, **Google Scholar Citation: 09**
20. Nutan D Sonwane, S. A. Chhabria, Dr. R. V. Dharaskar, "Combine Approach for Speech and Gesture Recognition", 2nd National Conference on Information and Communication Technology (NCICT) 2011, Proceedings published in International Journal of Computer Applications (IJCA), pp. 16-19, 2011, <http://research.ijcaonline.org/ncict/number1/ncict004.pdf>, Google Scholar Citation: 02
21. S. A. Chhabria, V. M. Thakare, R. V. Dharaskar, "Multimodal Interpretation Gesture Recognition System: A Review", Recent Trends in Computing, MPGI National Multi Conference 2012 (MPGINMC-2012) 7-8 April, 2012, Proceedings published by International Journal of Computer Applications (IJCA), pp.35-39, <http://research.ijcaonline.org/ncrtc/number7/mpginmc1058.pdf>, Google Scholar Citations: 1
22. Ms. S. A. Chhabria, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Design of Efficient Multimodal Systems", International Journal of Engineering, Sciences and Management (IJESM), Dronacharya Group of Institutions, India, Vol. III (I), pp. 7-11, 2013, ISSN 2231-3273, <http://www.cluster2.hostgator.co.in/files/writeable/uploads/hostgator103813/file/journalvol.iiiissue-i.pdf>

23. Mr. Hansraj Wankhede, Ms. S. A. Chhabria, Dr. R. V. Dharaskar, "Real Time Eye Recognition", International Journal of Computer Science and Information Technologies (IJCSIT), Vol. 4 (1), pp. 83-86, Jan 2013, ISSN 0975-9646, <http://www.ijcsit.com/docs/Volume%204/Vol4Issue1/ijcsit2013040120.pdf> , <https://pdfs.semanticscholar.org/b1db/97916c4300d8bfa2264977e1f6497ebee4af.pdf> ,
 24. Ms. S. A. Chhabria, Dr. R. V. Dharaskar, Ms. Nutan Sonwane, "Speech and Gesture Recognition Using SOM with Markov model", **IEEE** International Conference on Information Communication & Embedded Systems (ICICES 2012), by S. A. Engineering college, Chennai, 24-25 Feb 2012, Published in International Journal of Research in Image, video & signal processing (IJRIVSP), Vol. 1 (1), pp. 61-64, https://www.academia.edu/3021090/Speech_and_Gesture_Recognition_using_SOM_with_Markov_Model , (Conference brochure is available at: <http://www.saec.ac.in/conference/international/ICICES.pdf>) , Google Scholar Citation: 02
 25. Ms. S. A. Chhabria, Dr. R. V. Dharaskar, Ms. Nutan Sonwane, "Self-Organizing Markov Map for Speech And Gesture Reorganization", International Journal of Advance Research in computer Science & Electronics Engineering (IJARCSEE), Vol. I (2), pp. 119-123, April 2012, <http://ijarcsee.org/index.php/IJARCSEE/article/view/42> , https://www.researchgate.net/publication/324164085_Self_Organizing_Markov_Map_for_Speech_and_Gesture_Recognition ,
 26. Ms. S. A. Chhabria, Dr. R. V. Dharaskar, Mr. Sandeep. Ganorkar, "Robotic Arm Control Using Gesture and Voice", International Journal of Computer, Information Technology & Bioinformatics (IJCITB), Vol. 1(1), pp. 41-46, July-Sept 2012, ISSN: 2278-7593, http://www.ijcitb.com/issues/paper_9.pdf , https://www.academia.edu/3021087/ROBOTIC_ARM_CONTROL_USING_GESTURE_AND_VOICE , **Google Scholar Citation: 09**
 27. Mr. Hansraj Wankhede, Ms. S. A. Chhabria, Dr. R. V. Dharaskar, "Human Computer Interaction Using Eye and Speech: The Hybrid Approach", International Journal of Emerging Science and Engineering (IJESE), Vol. 1(7), pp. 54-58, May 2013, <http://www.ijese.org/attachments/File/v1i7/G0319051713.pdf> , 14th number research paper at journal website: <https://www.ijese.org/download/volume-1-issue-7/> , <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.674.3004&rep=rep1&type=pdf> , **Google Scholar Citation: 04**
 28. Ms. M. Dubey , Ms. S. A. Chhabria , Dr. R. V. Dharaskar, "Review of Optimized Fusion Techniques In Human Computer Interaction" , International Journal of Electrical, Electronics and Computer Systems (IJEECS), Vol. 2(1), pp. 28-34, January 2014, ISSN 2347-2820, http://www.irdindia.in/journal_ijeecs/pdf/vol2_iss1/7.pdf
 29. Mr. Y. Pathak, Dubey , Ms. S. A. Chhabria , Dr. R. V. Dharaskar, "Performance Evolution of Eye and Hand Fusion For Diagonal Movement Gesture Recognition.(A Review)", International Journal of Electrical, Electronics and Computer Systems (IJEECS), Vol. 2(1), pp. 60-63, January 2014, ISSN 2347-2820, http://www.irdindia.in/journal_ijeecs/pdf/vol2_iss1/14.pdf , Google Scholar Citations: 01
 30. Ms. S. A. Chhabria, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Comparative study of Gesture Recognition Using Gaussian Mixture Model, Support Vector Machine", International Journal of Scientific & Engineering Research (IJSER), Vol 5(4), pp. 382-387, April-2014, ISSN 2229-5518, <http://www.ijser.org/researchpaper%5CComparative-study-of-Gesture-Recognition-Using-Gaussian.pdf>
 31. Shrunkhala Satish Wankhede, Ms. S. A. Chhabria, Dr. R. V. Dharaskar, "Controlling Mouse Cursor Using Eye Movement", Special Issue for National Conference On Recent Advances in Technology and Management for Integrated Growth 2013 (RATMIG 2013), International Journal of Application or Innovation in Engineering & Management (IJAIEM), ISSN 2319-4847, <http://www.ijaiem.org/RATMIG-2013/CSE%2011%20CONTROLLING%20MOUSE%20CURSOR%20USING%20EYE%20MOVEMENT.pdf> , **Google Scholar Citation: 10**
 32. Sharda. A. Chhabria , R. V. Dharaskar, V. M. Thakare, "Survey of optimization Techniques In Gesture Recognition", Presented at International Conference on Innovations and Advancements in Computing (ICIAC-2016) held on 18th-19th March 2016, at GITAM University, Hyderabad, Published by International Journal of Research in Engineering and Technology (IJRET), Volume: 05 Special Issue: 05, pp. 50-52, May-2016, <http://esatjournals.net/ijret/2016v05/i17/IJRET20160517010.pdf>
 33. Sharda Chhabria, R. V. Dharaskar, V. M. Thakare, "Real Time Fusion of Gestures", International Journal of Latest Trends in Engineering and Technology (IJLTET), Vol. 6 (3), pp. 388-394, Jan 2016, ISSN 2319-3778, <https://www.ijltet.org/journal/58.pdf> , http://www.ijltet.org/journal_details.php?id=898&j_id=2870
- U. S. Junghare
34. U. S. Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, Dr. S. S. Sherekar, "Analysis of Information Visualization Techniques for Abstract Data on Mobile Devices", International Journals of Computer Science

- and Application (IJCSA), Vol. 4 (1), pp 31-38, April-May 2011, ISSN: 0974-1003, <http://www.researchpublications.org/IJCSA/issue8/2011-IJCSA-133.pdf>
35. U. S. Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, Dr. S. S. Sherekar, "Technical Analysis of Remote 3D Visualization on Mobile Devices", International Journal of Computer Science and Information Technology (IJCSIT), Vol. 3(6), pp 99-118, Dec 2011, ISSN-0975-4660, <http://airccse.org/journal/jcsit/1211csit08.pdf> , Google Scholar Citation: 02
36. U. S. Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Review Based Comparative Study of Visualization Techniques for Learning on Mobile Devices", National Conference on Emerging Trends in Biological and Information Sciences 2011 (NCETBIS-2011), Swami Vivekanand Mahavidyalaya, Udgir, Maharashtra, India, pp. 185-189, 4-5 March 2011, Published in International Journal BIOINFO Optimization Theory and Applications, Vol. 1 (1), pp 06-10, 15 Dec. 2011, EBSCO Publishing, USA, https://bioinfopublication.org/files/articles/1_1_2_BOTA.pdf , http://www.academia.edu/3021086/Review_based_comparative_study_of_visualization_techniques_for_learning_on_mobile_devices , **Google Scholar Citation: 05**
37. U. S. Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Mobile based Tools and Techniques for 3D Visualization", 2nd National Conference on Information and Communication Technology (NCICT) 2011, Proceedings published in International Journal of Computer Applications (IJCA), pp. 1-3, 2011, <http://research.ijcaonline.org/ncict/number2/ncict009.pdf>
38. U. S. Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Compression Techniques for remote Visualization on Mobile Platforms", National Conference on Innovative Paradigms in Engineering & Technology (NCIPET-2012), Proceedings published by International Journal of Computer Applications (IJCA), pp. 32-35, <http://research.ijcaonline.org/ncipet/number10/ncipet1080.pdf> , Google Scholar Citations: 1
39. U. S. Junghare, V. M. Thakare, R. V. Dharaskar, "Novel 3D Visualization Techniques for Image Data on Mobile Devices", National Conference on Innovative Paradigms in Engineering & Technology NCIPET2013, Proceedings published in International Journal of Computer Applications (IJCA), pp. 31-34, Feb 2013, <https://pdfs.semanticscholar.org/7ba3/8fdc4077eaf9a42d1e0d24d24c9370d51742.pdf> , <https://pdfs.semanticscholar.org/8719/69b6443fe719ae682547e0f140bd32a12b45.pdf>
40. U. S. Junghare, V. M. Thakare, S. S. Sherekar, R. V. Dharaskar, "An Interactive Approach for Local and Remote 3D Visualization on Mobile Devices", Recent Trends in Computing (NCRCT), MPGI National Multi Conference 2012 (MPGINMC-2012), 7-8 April 2012, Proceedings published by International Journal of Computer Applications (IJCA), pp. 28-32, 2012, <http://research.ijcaonline.org/ncrtc/number1/mpginmc1007.pdf>
41. Junghare, U. S.; Thakare, V. M.; Dharaskar, R. V., "Efficient And Effective 3d Visualization Techniques For Rendering On Mobile Devices", 2nd International Conference on Communication, Computation, Management & Nanotechnology (ICN-2011), Bhalki, Karnataka, pp. 09-13, 23-25 Sept 2011, Selected paper published in World Journal of Science & Technology (WJST), Vol. 1(12), pp. 84-88, 2011, ISSN 2231-2587, <http://connection.ebscohost.com/c/articles/79966274/efficient-effective-3d-visualization-techniques-rendering-mobile-devices> , https://www.academia.edu/3021093/Efficient_and_Effective_3D_Visualization_Techniques_for_Rendering_on_Mobile_Devices
42. Junghare, U. S.; Thakare, V. M.; Dharaskar, R. V., "Visualization of Huge Database In Forensic Process: An Analytical Study", International Conference on Recent Trends in Science & Technology ICRTST 2018, 23 March 2018, Aayushi International Interdisciplinary Research Journal (AIIRJ), Special Issue No. 25, pp. 2233-2237, ISSN 2349-638x, [http://www.aiirjournal.com/uploads/Articles/1523171342INTERNATIONAL%20CONFERENCE%20ON%20RECENT%20TRENDS%20IN%20SCIENCE%20AND%20TECHNOLOGY%2022ND%20AND%2023%20RD%20MARCH%202018%20\(Part%201-%20Life%20Science\).pdf](http://www.aiirjournal.com/uploads/Articles/1523171342INTERNATIONAL%20CONFERENCE%20ON%20RECENT%20TRENDS%20IN%20SCIENCE%20AND%20TECHNOLOGY%2022ND%20AND%2023%20RD%20MARCH%202018%20(Part%201-%20Life%20Science).pdf)
- Pravin Futane
43. Futane Pravin, Dr. Dharaskar Rajiv, Dr. V. M. Thakare, "Hand-Made Colored Gloves Gesture Recognition", International Journal of Graphics & Image Processing (IJGIP), (A quarterly refereed Journal Published by: International Forum of Researchers Students and Academician (IFRSA)), <http://www.ifrsa.org/images/ijgipissue2/12%20twelve.pdf> , Google Scholar Citation: 2
44. Futane Pravin, V. M. Thakare, R. V. Dharaskar, "A Comparative Study for Approaches for Hand Sign Language", National Conference on Innovative Paradigms in Engineering & Technology (NCIPET-2012), Proceedings published by International Journal of Computer Applications (IJCA), pp. 36-39, <http://research.ijcaonline.org/ncipet/number14/ncipet1112.pdf> , Google Scholar Citation: 2

45. P. R. Futane, Dr. R V Dharaskar, "A theoretical framework for Indian Signs-Gestures language Data acquisition and Recognition with semantic support", Journal of Information Assurance and Security (JIAS), Special Issue Edition, Vol. 8(3), pp 189-199, 2013, <http://connection.ebscohost.com/c/articles/90223044/theoretical-framework-indian-signs-gestures-language-data-acquisition-recognition-semantic-support> , Google Scholar Citation: 01
 46. P. R. Futane, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "An efficient method for sign-gestures language data acquisition and recognition", International Journal Elixir: Digital Processing, Vol. 66, pp 20526 -20534, 2014, http://www.elixirpublishers.com/index.php?route=articles/category&path=286_400&sort=a.author&order=D_ESC&page=2
 47. P. R. Futane, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Cursor Controlling of Computer System through Gestures", International Journal of Innovative Research in Computer and Communication Engineering (IJIRCE), Vol. 1(10), pp 2304 - 2318, December 2013, ISSN 2320-9801, http://www.ijirce.com/upload/2013/december/7_Cursor.pdf
 48. Shivganga Udhan, P. R. Futane, R. V. Dharaskar, "Hand motion tracking for alphabet recognition using ANN", International Journal of Computer Applications (IJCA), Vol. 83(4), pp 5-10, December 2013, <http://research.ijcaonline.org/volume83/number4/pxc3892580.pdf> , Google Scholar Citation: 01
 49. P. R. Futane, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Summarization of Own Contributory Efforts in the Field of Indian Sign Language Recognition System", National Conference on Innovative Paradigms in Engineering & Technology (NCIPET-2013), 393-398, Proceedings published by International Journal of Computer Applications (IJCA), pp. 26-30, 2013, <http://research.ijcaonline.org/ncipet2013/number3/ncipet1344.pdf>
 50. P. R. Futane, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Survey and analysis of Indian Sign Language Recognition research", International Journal of Advanced Research in Computer Science (IJARCS), Special Issue, Vol. 5(4), pp. 79, April 2014, <http://connection.ebscohost.com/c/articles/96656284/survey-analysis-indian-sign-language-recognition-research> , <http://ijarcs.info/index.php/Ijarcs/article/view/2089> , <http://ijarcs.info/index.php/Ijarcs/article/download/2089/2077>
- Nilesh M. Shelke
51. Nilesh M. Shelke, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "An Approach for Solving of Natural Language Queries and Transliteration using Multi-Agent System", International Journal of Advancements in Technology (IJoAT), Vol 1(1), pp. 103-116, June 2010, ISSN 0976-4860, <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.302.2353&rep=rep1&type=pdf> , <https://www.semanticscholar.org/paper/An-Approach-for-Solving-of-Natural-Language-Queries-Shelke-Dharaskar/7b9f157e0d44c506cf769941a60789d02328765d> , https://www.researchgate.net/publication/45268025_An_Approach_for_Solving_of_Natural-Language-Queries_and_Transliteration_using_Multi-Agent_System
 52. Nilesh M. Shelke, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Multi-Agent System Approach for Solving of Natural Language Queries", CIT International Journal of Engineering & Research (CIT-IJER), Vol.1(1), pp. 62-75, May 2010, ISSN 2230-9144, https://www.researchgate.net/publication/324123388_Multi-Agent_System_Approach_for_Solving_of_Natural-Language-Queries
- P. E. Ajmire
53. P. E. Ajmire, V. M. Thakare, R. V. Dharaskar, "A Comparative Study of Handwritten Marathi Character Recognition", National Conference on Innovative Paradigms in Engineering & Technology (NCIPET-2012), Proceedings published by International Journal of Computer Applications (IJCA) pp. 26-28, <http://research.ijcaonline.org/ncipet/number10/ncipet1078.pdf> , **Google Scholar Citation: 07**
 54. P. E. Ajmire, V. M. Thakare, R. V. Dharaskar, "Pattern Recognition Method for Study of botanical characteristics of Leaf", Recent Trends in Computing (NCRTC), MPGI National Multi Conference 2012 (MPGINMC-2012) 7-8 April, 2012, Proceedings published by International Journal of Computer Applications (IJCA), pp.1-3, <http://research.ijcaonline.org/ncrtc/number9/mpginmc1069.pdf>
 55. P. E. Ajmire, S E Warkhede, Rajeev Dharaskar, V. M. Thakare, "Structural Features for Character Recognition System-A Review", National Conference on Information and Communication Technology for Development, PRMITR Amravati, International Journal of Advanced Research in Computer Science (IJARCS), Volume 3(3), pp. 766-768, May-June 2012, ISSN 0976-5697, DOI: <http://dx.doi.org/10.26483/ijarcs.v3i3.1249>, http://www.researchgate.net/profile/Prafulla_Ajmire/publication/275532044_Structural_Features_for_Character_Recognition_System-A_Review/links/553f2ecf0cf20184050fa926.pdf , <https://www.ijarcs.info/index.php/Ijarcs/article/view/1249> , <https://www.ijarcs.info/index.php/Ijarcs/article/download/1249/1237> , **Google Scholar Citation: 03**

56. P. E. Ajmire, R. V. Dharaskar, V. M. Thakare, “Handwritten Devanagari (Marathi) Compound Character Recognition using Seventh Central Moment”, International Journal of Innovative Research in Computer and Communication Engineering (IJIRCE), Vol. 3(6), June 2015, http://www.ijirce.com/upload/2015/june/78_Handwritten.pdf , **Google Scholar Citations: 03**
57. P. E. Ajmire, V M Thakare, R V Dharaskar, “Feature Extraction and recognition of Modifiers in Handwritten Marathi (Devanagari) Text”, International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Vol. 4(3), pp. 234-237, <http://www.ijettcs.org/Volume4Issue3/IJETTCS-2015-06-25-126.pdf>
58. P E Ajmire, , R V Dharaskar, V M Thakare, “Feature Extraction and Selection for Handwritten Devanagari Vowels Recognition”, International Journal of Research in Engineering and Technology (IJRET), Vol. 05 Special Issue: 05, ICIAC-2016, pp. 53-55, ISSN: 2319-1163, <http://esatjournals.net/ijret/2016v05/i17/IJRET20160517011.pdf>
- K. H. Walse
59. K. H. Walse, V. M. Thakare, R. V. Dharaskar, “Frame work for Adaptive Mobile Interface: An Overview”, Proceedings published by International Journal of Computer Applications (IJCA), pp. 27-30, <https://pdfs.semanticscholar.org/2eb9/e2a0bd5f185594b04fc642cb4e2d7c7ba837.pdf> , <http://research.ijcaonline.org/ncipet/number14/ncipet1110.pdf> , **Google Scholar Citation: 04**
60. K. H. Walse, V. M. Thakare, R. V. Dharaskar, “Study of Framework for Mobile Interface”, Recent Trends in Computing (NCRTC), Proceedings published by International Journal of Computer Applications (IJCA), pp. 14-16, 2012, <http://research.ijcaonline.org/ncrtc/number9/mpginmc1073.pdf> , http://www.researchgate.net/publication/265026351_Study_of_Framework_for_Mobile_Interface , **Google Scholar Citations: 3**
61. K. H. Walse, R. V. Dharaskar, V. M. Thakare, “A Survey of Context-Aware Framework for Pervasive Environment”, International Journal of Advanced Research in Computer and Communication Engineering (IJARCE), Vol. 4(1), pp. 403-411, November 2015, <https://pdfs.semanticscholar.org/2ddf/55450510235bbeacf112da7d784ea7cb3a04.pdf> , <http://www.ijarce.com/upload/2015/november-15/IJARCE%2090.pdf>
62. K.H. Walse, Dr. R.V. Dharaskar, Dr. V. M. Thakare, “A Study of Human Activity Recognition using Adaboost Classifiers on WISDM Dataset”, The Institute of Integrative Omics and Applied Biotechnology (IIOAB) Journal, Special Issue on Frontiers in Intelligent Systems Development, Jan 2016, ISSN 0976-3104, https://www.researchgate.net/publication/303731702_A_study_of_human_activity_recognition_using_adaboost_classifiers_on_WISDM_dataset , <http://www.iioab.org/articles/IIOABJ.7.2.68-76.pdf> , **Google Scholar Citation: 05, Scopus Citation: 4**
63. K.H Walse, Dr. R.V. Dharaskar, Dr. V. M. Thakare, “The Study of Context-Aware Applications”, International Journal of Computer Science and Application (IJCSA), Vol. 4 (3), pp. 165-171, Sept. 2011, ISSN 0974-1003, https://www.researchgate.net/publication/324107671_The_Study_of_Context-aware_Applications
64. K. H. Walse, Dr. R. V. Dharaskar, Dr. V. M. Thakare, “Usability Study in Adaptive Mobile Interface”, International Journal of Computer Science and Application (IJCSA), Published by Research Publications, India, Vol. 6(1), pp. 48-56, April / May 2013, ISSN 0974-1003, https://www.researchgate.net/publication/324108533_Usability_study_in_Adaptive_Mobile_Interface
65. Manisha V. Kharat, K. H. Walse, Dr. R. V. Dharaskar, “Survey on Soft Computing Approaches for Human Activity Recognition”, International Journal of Science and Research (IJSR), Vol. 6(2), pp. 1328-1334, 2017, ISSN 2319-7064, <https://www.ijsr.net/archive/v6i2/ART2017792.pdf>
66. K. H. Walse, Ms. Vrushali Joshi, Dr. R. V. Dharaskar, “A Survey on Framework for Context Awareness Using Smartphone”, International Journal of Advance Research in Computer Science and Management Studies (IJARCSMS), Vol. 8(2), 2017, ISSN 0975-9646, <http://ijarcsms.com/docs/paper/volume5/issue2/V5I2-0020.pdf> ,
67. K. H. Walse, Ms. Vishakha Vyas, Dr. R. V. Dharaskar, “A Survey on Human Activity Recognition Using Smartphone”, International Journal of Advance Research in Computer Science and Management Studies (IJARCSMS), Vol. 5(3), 2017, ISSN 2347-1778, <http://www.ijarcsms.com/docs/paper/volume5/issue3/V5I3-0032.pdf> , **Google Scholar Citation: 01**
68. Prof. K. H. Walse, Dr. R V Dharaskar, Dr. V M Thakare, “Study of User Model for Mobile Users”, International Journal of Computer Science and Applications (IJCSA), Published by Research Publications, India, Vol. 7(2), pp. 102-108, June / July 2014, ISSN: 0974-1003, https://www.researchgate.net/publication/324107739_Study_of_User_Model_for_Mobile_Users
69. K. H. Walse, Dr. R. V. Dharaskar and Dr. V. M. Thakare, “Performance Analysis of MLP and SVM based Classifiers for Human Activity Recognition using Smartphone Sensors Data”, International Conference on

Innovations and Advancements in Computing ICIAC-2016, GITAM University, Hyderabad, India., March 18-19, 2016, Published in International Journal of Research in Engineering and Technology (IJRET), Volume: 05 Special Issue: 05 |, pp. 7-11, May 2016, <https://pdfs.semanticscholar.org/2a45/36b1eebc4a187eaaeaa819e76d8db4ffdce8.pdf> , **Best Paper Award**

Rajashri Shelke

70. R. R. Shelke, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Study of Data Mining Approach for Mobile Computing Environment", International Journal on Computer Science and Engineering (IJCSE) , Vol. 4, pp.1920-1923, 12 Dec 2012 , ISSN : 0975-3397, <http://www.Engjournals.com/ijcse/doc/IJCSE12-04-12-070.pdf> . Google Scholar Citations: 2
71. R. R. Shelke, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Analysis of User Movement Behavior Pattern Mining Approaches for Mobile Environments", International Journal of Advanced Research in Computer Science (IJARCS), Vol. 5 (4), pp. 108-110, April 2014, <http://ijarcs.info/index.php/Ijarcs/article/download/2115/2103> , Google Scholar Citations: 1
72. R. R. Shelke, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Data Mining for Mobile Devices Using Web Services", Proceeding of International Conference on Industrial automation and Computing (ICIAC - 12th & 13th April 2014) sponsored by **IEEE** Bombay Section and ISTE Goa Section, Jhulelal Institute of Technology, Nagpur International Journal of Engineering Research and Applications (IJERA) , pp. 7-9, April 2014, ISSN 2248-9622, http://www.ijera.com/special_issue/ICIAC_April_2014/CS/V8/CS2140709.pdf , **Google Scholar Citations: 04**
73. R. R. Shelke, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Data Mining in Mobile Environment-An Overview", International Journal of Advanced Computational Engineering and Networking (IJACEN), ISSN: 2320-2106, Vol. 3(12), pp. 66-69, Dec 2015, http://www.iraj.in/journal/journal_file/journal_pdf/3-207-145018219566-69.pdf
74. R. R. Shelke, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Application of Clustering Technique to Super Market Dataset for Mobile Devices", International Journal of Engineering Science Invention Research & Development (IJESIRD), Vol. 3 (9), pp. 517-520, March 2017, ISSN: 2349-6185, http://www.ijesird.com/1_march_9_17.PDF
75. R. R. Shelke, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Association Rule Mining for Supermarket Sale Analysis", International Journal of Electronics, Communication and Soft Computing Science & Engineering (IJECSCSE), Vol. 4(4), pp. 20-22, 2017, ISSN 2277-9477, <http://www.ijecscse.org/papers/April2017/Association%20Rule%20Mining%20for%20Supermarket%20Sale%20Analysis.pdf>
76. R. R. Shelke, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Classification technique to super market dataset for mobile devices", Asian Journal of Computer Science Engineering (AJCSE), 2016, Vol 1(2), pp. 39-42, <https://ajcse.info/index.php/ajcse/article/view/63/31>
77. R. R. Shelke, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Data Mining for Supermarket Sale Analysis Using Association Rule", International Journal of Trend in Scientific Research and Development (IJTSRD), Vol. 1(4), pp. 179-183, 2017, ISSN: 2456-6470, <http://www.ijtsrd.com/papers/ijtsrd94.pdf>

2.4.2. International Conference Research Papers (52)

Rajiv Dharaskar

78. R. V. Dharaskar, "Special Technique for Optimizing Teaching-Learning Process in CBT Software", IEEE International Conference on Information Technology: Coding and Computing (ITCC 2004), Las Vegas, NV, USA, April 2004, Vol. I, pp: 246-250, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=1286460&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D1286460 , **Google Scholar Citation: 04, Scopus Citation: 4**
79. R. V. Dharaskar, "Optimization of Teaching-Learning Process in E-Learning Software Using Student Model for Appropriate Selection of Teaching Strategy", **IEEE** Sponsored EISTA '04, Orlando, Florida, USA, July 2004, Vol. III pp: 131-134, https://www.researchgate.net/publication/324088823_Optimization_of_Teaching-Learning_Process_in_E-Learning_Software_Using_Student_Model_for_Appropriate_Selection_of_Teaching_Strategy , **Google Scholar Citations: 4**

80. R. V. Dharaskar, V. M. Thakare, "E-Learning Software For Mathematical Concepts And Algorithms Of Computer Graphics", 7th International conference on technology in mathematics teaching: Visions of Mathematics Education: Embedding Technology in Learning, Graduate School of Education ICTMT7, University of Bristol UK, 26 July 2005, pp. 82-86, ISBN:0862925592, <https://www.tib.eu/de/suchen/id/BLCP%3ACN057115542/E-Learning-Software-For-Mathematical-Concepts-And/> (Table of contents of the proceeding is available online)
81. R. V. Dharaskar, V. M. Thakare, "Multimedia Based Standalone M-Learning Applications for Series 60 Nokia Devices", International Conference ICT 2006 by Computer Association of Nepal CAN, Kathmandu, Nepal, 26 March 2006, https://www.researchgate.net/publication/324603872_Multimedia_Based_Standalone_M-Learning_Applications_for_Series_60_Nokia_Devices
82. R. V. Dharaskar, V. M. Thakare, I. C. Mehta, P. D. Khandait, Nitin Upadhyay, "Re-engineering of Mobile Computing Techniques for M-Learning", International Conference ICT 2006 by Computer Association of Nepal CAN, Kathmandu, Nepal, https://www.researchgate.net/publication/324329633_Re-engineering_of_Mobile_Computing_Techniques_for_M-Learning
83. R. V. Dharaskar, V. M. Thakare, "VB M-learning Software Using Multimedia and Recent Mobile Technologies", R U Conference: E-Learning International Conference 14-16 Dec, 2006, Ramkhamhaeng University, Bangkok, Thailand, https://www.researchgate.net/publication/324274260_VB_M-learning_Software_Using_Multimedia_and_Recent_Mobile_Technologies
84. R. V. Dharaskar, "Generalized Pseudo Algorithms Simulation Technique (PAST) for E-Learning to Develop Data Structures Algorithms Simulation Software", The 7th International Conference on Information Technology (CIT 2004), December 20-23, 2004, Taj Krishna, Banjara Hills, Hyderabad. <http://www.oits.org/cit04/cit04pst.htm>, https://www.researchgate.net/publication/324277138_Generalized_Pseudo_Algorithms_Simulation_Technique_PAST_for_E-Learning_to_Develop_Data_Structures_Algorithms_Simulation_Software,
85. R. V. Dharaskar, V. M. Thakare, "E-Pedagogy: The Heart of Today's E-Learning", International Conference on ICT (Information Communication Technology) in Education & Development '04, Dec 2004, AISECT Bhopal Vol. 2, pp. 6-12, https://www.researchgate.net/publication/324161596_E-Pedagogy_The_Heart_of_Today%27s_E-Learning, **Google Scholar Citation: 04**
86. R. V. Dharaskar, V. M. Thakare, B. A. Damahe, R. R. Dixit, "Strategy to Reduce the Interactive Software Simulation Technology Assimilation Gap for Developing Effective E-learning Software", International Conference on Emerging Adaptive Systems and Technologies (EAST-2005), Dec 2005, Tamilnadu, India, pp: 492-502, https://www.researchgate.net/publication/324312781_Strategy_to_Reduce_the_Interactive_Software_Simulation_Technology_Assimilation_Gap_for_Developing_Effective_E-learning_Software
87. R. V. Dharaskar, V. M. Thakare, B. P. Rajguru, G. N. Sarage, "Integrated E-Learning Software for Microprocessor", International Conference Digital Learning 2005, New Delhi, Oct 2005, https://www.researchgate.net/publication/324182152_Integrated_E-Learning_Software_for_Microprocessor
- M. B. Chandak
88. M. B. Chandak, R. V. Dharaskar, "A methodology to extract emotions and add expression to speech synthesis", **IEEE** 6th International Conference on Information Technology : New Generations (ITNG 2009), Las Vegas, Nevada, USA, 27-29 April 2009, pp. 1631-1633, <http://ieeexplore.ieee.org/document/5070878/>, Google Scholar Citation: 01, Included in **Scopus** Profile
89. Chandak M. B., Dharaskar R V, "Emotion Extractor: A methodology to implement prosody features in Speech Synthesis", **IEEE** 2nd International Conference on Computer and Automation Engineering (ICCAE 2010), Singapore, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=5479961&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D5479961, Included in **Scopus** Profile
- Khushboo S. Thakkar
90. Khushboo S. Thakkar, R. V. Dharaskar, and M. B. Chandak, "Graph-Based Algorithms for Text Summarization", **IEEE** International Conference on Emerging Trends in Engineering & Technology (ICETET 2010), 19-21 Nov 2010, pp. 516-519, <http://ieeexplore.ieee.org/document/5698380/>, **Google Scholar Citation: 31, Scopus Citation: 17**
- Pravin Futane
91. Pravin Futane, R. V. Dharaskar, "Hasta Mudra": An Interpretation of Indian Hand Sign Gestures", **IEEE** 3rd International Conference on Conference on Electronics Computer Technology (ICECT 2011), Kanyakumari,

- India, 8-10 April 2011, <http://ieeexplore.ieee.org/document/5941722/> , **Google Scholar Citation: 12, Scopus Citation: 8**
92. P. R. Futane, Dr. R. V. Dharaskar, “Video Gestures Identification And Recognition Using Fourier Descriptor And General Fuzzy Minmax Neural Network for Subset of Indian Sign Language”, 12th **IEEE** International Conference on Hybrid Intelligent System (HIS-2012), MIT, Pune, 4-7 Dec 2012, pp. 525-530, <http://ieeexplore.ieee.org/document/6421389/> , **Google Scholar Citation: 11, Scopus Citation: 3**
93. Bhavsar Swapna, Futane Pravin, Dr. Dharaskar Rajiv V, “Hand Gesture Recognition System for numbers using Thresholding”, International Conference on Computational Intelligence and Information Technology – CIIT 2011, Pune, India, Published by **Communications in Computer and Information Science, Vol. 250, Part 3, pp. 782-786, Springer, Berlin, Heidelberg**, DOI https://doi.org/10.1007/978-3-642-25734-6_139 http://link.springer.com/chapter/10.1007%2F978-3-642-25734-6_139 , **Google Scholar Citation: 10, Scopus Citation: 3**
- Ekta R. Pashine
94. Ekta R. Pashine, R. V. Dharaskar, “Text-To-Speech Implementation in Railway Time-Table System: A Phoneme Based Approach”, 2009 **IEEE** International Advance Computing Conference IACC-2009, Patiala Punjab, 6th -7th March 2009, pp. 282-286, <http://gdeepak.com/iacc09/html/APPL-1501.xml> , https://www.researchgate.net/publication/324149931_Text-To-Speech_Implementation_in_Railway_Time-Table_System_A_Phoneme_Based_Approach
- S. Lohi
95. S. Lohi, M. B. Chandak, R. V. Dharaskar, V. M. Thakare, “Text Categorization for English Language – A comprehensive Approach of Analysis and Design”, 2009 **IEEE** International Advance Computing Conference IACC-2009, Thapar University, Patiala, Punjab, 6th & 7th March, 2009, pp.1805-1810, <http://www.gdeepak.com/iacc09/html/SOFT-3089.xml> , https://www.researchgate.net/publication/324168817_Text_Categorization_for_English_Language_-_A_comprehensive_Approach_of_Analysis_and_Design
96. S. Lohi, M. B. Chandak, R. V. Dharaskar, V. M. Thakare, “Analysis and Design of a Comprehensive Text Categorization Approach for English Language”, International conference on Advanced Computing Technologies (ICACT 08), Gokaraja Institute of Engineering & Technology, Hyderabad, 26-27 December 2008, pp. 271-273, <http://www.gbv.de/dms/tib-ub-hannover/61808083x.pdf> (page number: ix), http://www.vedamsbooks.com/no60880/user_forgot_pass.php (Under III. Databases and data mining, 13th entry)
- Manish H. Bhagwani
97. Manish H. Bhagwani, R. V. Dharaskar, V. P. Mahatme, “A Novel Approach in E-Learning Evaluation System for Test-Sheet Generation”, **IEEE** International Advance Computing Conference (IACC 2009), Thapar University, Patiala, 6-7 March, 2009, pp. 3022-3026, <http://www.gdeepak.com/iacc09/html/ALGO-0292.xml> , https://www.researchgate.net/publication/324169192_A_Novel_Approach_in_E-Learning_Evaluation_System_for_Test-Sheet_Generation
98. Manish H. Bhagwani, V. P. Mahatme, R. V. Dharaskar, “A Test Sheet Generation Approach Using Genetic Algorithm for Multiple Assessment Criteria in E-learning Evaluation System”, 6th International Conference on e-Learning Applications, American University in Cairo, 10-12 January 2009, https://www.researchgate.net/publication/324603921_A_Test_Sheet_Generation_Approach_Using_Genetic_Algorithm_for_Multiple_Assessment_Criteria_in_E-learning_Evaluation_System
- Pradeep N. Fale
99. Pradeep N. Fale, S. A. Raut, R. V. Dharaskar, “Robotic Arm Automatic Welding Process Using DIP”, Second International Conference on Data Management, IMT Ghaziabad, 9-10 Feb 2009, pp.45-55, <http://www.gbv.de/dms/tib-ub-hannover/647118491.pdf> (second page: 5th entry), https://www.researchgate.net/publication/324169505_Robotic_Arm_Automatic_Welding_Process_Using_DI_P
- Pragati G. Meshram
100. Pragati G. Meshram, R. V. Dharaskar, “A Real Time GSM Based Embedded System for Blood Glucose Level Monitoring and Messaging”, International Conference on Recent Trends in Soft Computing and Information Technology (RTSCIT-09), Bhopal, 9-10 Jan 2010, pp. 307-310, https://www.researchgate.net/publication/324171846_A_Real_Time_GSM_Based_Embedded_System_for_Blood_Glucose_Level_Monitoring_and_Messaging
- M. K. Assudani

101. M. K. Assudani, R. V. Dharaskar, "A Content Adaptive System for Mobile Internet", International Conference on Computing: Updates & Trends (CUT -2010), Jaipuria Group of Institutions, Ghaziabad, Feb 2010, pp. 59
102. M. K. Assudani, R. V. Dharaskar, "An Efficient Adaptive Mobile Interface through Web Browsing", International Conference on Recent Trends in Soft Computing and Information Technology (RTSCIT-09), Bhopal, 9-10 Jan 2010, pp. 165-172
- Smita R. Khond
103. Smita R. Khond, R. V. Dharaskar, V. M. Thakare, "Management of Collaborative Learning Data", International Conference on Recent Trends in Soft Computing and Information Technology (RTSCIT-09), Bhopal, 9-10 Jan 2010, Vol. 1, pp. 83-86, https://www.researchgate.net/publication/324172964_Management_of_Collaborative_Learning_Data
104. Smita R. Khond, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Sequential Pattern Mining using Collaborative Learning Database", International Conference International Conference on Informatics Cybernetics, and Computer Applications IC-ICCA 2010, Bangalore, 19-21 July 2010, pp. 83-85, <http://www.dirf.org/icca2010/icca%20poster.pdf>, <http://www.dirf.org/icca2010/>, <http://www.dirf.org/icca2010/ConfirmedPresentations.doc> (detailed schedule of 19 July under "Data Mining" Entry number 497- Smita Khond), https://www.researchgate.net/publication/324182623_Sequential_Pattern_Mining_using_Collaborative_Learning_Database
105. Smita R. Khond, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Data Mining and Pattern Mining of Collaborative Learning Data", 3rd International Conference on Data Management (ICDM 2010), Ghaziabad, 11-12 March 2010, pp. 246-251, https://www.researchgate.net/publication/324214189_Data_Mining_and_Pattern_Mining_of_Collaborative_Learning_Data
- Ujwala Junghare
106. Ujwala Junghare, R. V. Dharaskar, V. M. Thakare, "GUI based Visualization Technique on Mobile Devices", International conference Emerging Trends in Computer Science, Communication and Information Technology CSCIT 2010, Yashwant Mahavidyalaya Nanded, 09-11 Jan 2010, https://www.researchgate.net/publication/324151521_GUI_based_Visualization_Technique_on_Mobile_Devices
107. U. S. Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Existing Information Visualization Techniques for Abstract Data on Mobile Devices", International Conference on Emerging Trends in Soft Computing and ICT (SCICT2011), Guru Ghasidas Vishwavidyalaya Bilaspur, pp 249-252, 16-17 March 2011, https://www.researchgate.net/publication/324151636_Existing_Information_Visualization_Techniques_for_Abstract_Data_on_Mobile_Devices
108. U. S. Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, Dr. S. S. Sherekar, "Structural Design and Techniques of Client-server for 3D Visualization on Mobile Devices", International Conference on Advances in Computing and Management (ICACM), D. Y. Patil Institute Pune, pp. 346-350, 6-8 Jan 2012, http://www.academia.edu/3021095/Structural_Design_and_Techniques_of_Client-Server_for_3D_Visualization_on_Mobile_Devices
- B. V. Wakode
109. B. V. Wakode, Dr. R. V. Dharaskar, "Web Usage Mining for Tracking Evolving User Profiles", International Conference on Science, Engineering and Spirituality (ICES'10), Navalnagar, Dhule, 22 March 2010, https://www.researchgate.net/publication/324173359_Web_Usage_Mining_for_Tracking_Evolving_User_Profiles
110. B. V. Wakode, Dr. R. V. Dharaskar, "Application of Web Mining in Designing Personalized Recommender System", International Conference on Innovative Practices in Management and Information Technology for Excellence, Haryana, pp. 122
111. Bhushan V. Wakode, R. V. Dharaskar, "An Overview of Web Usage Mining in Web Based Applications", International Conference on Upcoming Trends in IT (ICUIT - 2010), https://www.researchgate.net/publication/324215458_An_Overview_of_Web_Usage_Mining_in_Web_Based_Applications
- Nilesh M. Shelke
112. Nilesh M. Shelke, Dr. R. V. Dharaskar, "Innovative Approach for Converting Natural Language Queries into SQL", 2nd International Conference on Innovative Practices in Information Technology for Excellence, Jagadhri, Haryana, pp. 106-110, 8 May 2010,

- https://www.researchgate.net/publication/324151834_Innovative_Approach_for_Converting_Natural_Language_Queries_into_SQL
113. Nilesh M. Shelke, Dr. R. V. Dharaskar, "Efficient Retrieval of Natural Language Query for English and Hindi using Software Agents", 2nd International Conference on Innovative Practices in Information Technology, Jagadhri, Haryana, pp.137, 8 May 2010
114. Nilesh M. Shelke, Dr. R. V. Dharaskar, "A Practical Approach towards Development of Applications and Solutions using Java Agents", International Conference on Recent Advances in e-Communications and i-Technologies (REACT10), pp. 9, Proceedings of the 4th National Conference; INDIACom-2010, http://www.bvicam.ac.in/news/INDIACom%202010%20Proceedings/papers/Group3/INDIACom10_401_Paper.pdf,
- S. A. Chhabria
115. Sushma D. Ghode, S. A. Chhabria, Dr. R. V. Dharaskar, "Human-Computer Interaction System: Using A Method To Improve Posture Detection Technique", International Symposium on Computer Engineering & Technology (ISCET 2010), Govindnagar, Punjab, pp.31-34, 2010, <http://www.rimtengg.com/iscet/proceedings/pdfs/image%20proc/31.pdf>, https://www.researchgate.net/publication/324154705_Human-Computer_Interaction_System_Using_A_Method_To_Improve_Posture_Detection_Technique
116. S. A. Chhabria, Dr. R.V. Dharaskar, "Intelligent Multimodal System", International Conferences on IT and Businesses Intelligence, (ITBI - 09), Nagpur, Nov 6 - 8, 2009, https://www.researchgate.net/publication/324169605_Intelligent_Multimodal_Systems
117. Sandeep Ganorkar, S. A. Chhabria, Dr. R.V. Dharaskar, "Wireless Gesture and Voice Recognition", International Conference on Reliability, Infocom Technology and Optimization (ICRITO'2010) Trends and Future Directions', Organized by Lingaya's University in association with Computer Society of India Delhi Chapter, November 1-3, 2010, pp. 960-967, https://www.researchgate.net/publication/324154056_Wireless_Gesture_and_Voice_Recognition
118. Ms. Shrunkhala Wankhede, Ms. S. A. Chhabria, Dr. R. V. Dharaskar, "Eye Recognition and Hand Gesture Identification Fusion System", International Conference on Computer Science & Information Technology, Nagpur, ISBN No. 978-93-82208-60-0, pp. 86-91, 3 Feb 2013, https://www.researchgate.net/publication/324162139_Eye_Recognition_and_Hand_Gesture_Identification_Fusion_System
119. Mr. H. S. Wankhede, Ms. S. A. Chhabria, Dr. R. V. Dharaskar, "Fusion of Eye Gaze Point and Speech in Real Time", IRAJ-International Conference on Cloud Computing and Computer Science (IRAJ-ICCCS-2013), Pune, India, pp. 62-67, 5 May 2013, https://www.researchgate.net/publication/324497812_Fusion_of_Eye_Gaze_Point_and_Speech_in_Real_Time
120. Ms. S. A. Chhabria, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Survey of Fusion Techniques for Design of Efficient Multimodal Systems", **IEEE** International Conference on Machine Intelligence Research and Advancement, ICMIR A-2013, 21-23 Dec 2013, pp. 486-492, ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6918880, Google Scholar Citation: 2, **Scopus** Citation: 1
121. Ms. S. A. Chhabria, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Intelligent Gesture Recognition to Design more Efficient & Intelligent Multimodal System" 6th **IEEE** International Conference on Emerging Trends in Engineering & Technology (ICETET-13) Technically Sponsored by: **IEEE**, Systems, Man, and Cybernetics, Society (SMCS), 16-18 Dec 2013, pp. 193-194, <http://dl.acm.org/citation.cfm?id=2606330>, Google Scholar Citations: 01, Included in **Scopus** Profile
- P. E. Ajmire
122. P. E. Ajmire, R. V. Dharaskar, V. M. Thakare, "Study of Complexity of Devanagari Script for Handwritten Character Recognition", Proceedings of 12th IRF International Conference, Chennai, India, 31st August 2014, pp. 109-111, ISBN: 978-93-84209-48-3, http://iraj.in/up_proc/pdf/100-1409741317109-111.pdf, https://www.researchgate.net/publication/275533053_STUDY_OF_COMPLEXITY_OF_DEVANAGARI_SCRIPT_FOR_HANDWRITTEN_CHARACTER_RECOGNITION
- Rajashri. R. Shelke
123. R. R. Shelke, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Mobile Data Mining for Mobile Devices Using Personalization", International Conference on Innovations and Advancements in computing (ICIAC2016), Gitam university, Hyderabad, 18-19th March 2016
124. R. R. Shelke, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Classification of super market dataset using mobile devices", IDES International Joint Conference on Recent Trends in Information Processing, Computing,

- Electrical and Electronics, McGraw Hill Education, 2017, pp. 521-525, <http://thegrenze.com/index.php?display=page&view=conferenceabstract&absid=1523&id=58>
125. R. R. Shelke, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Application of Classification Technique to Super Market Dataset for Mobile Devices", An International Conference on "Innovations and Emerging Trends in Engineering & Technology" (IETET 2017), MPGI School of Engineering, Integrated Campus, Nanded, 25-26 March 2017
- K. H. Walse
126. K H Walse, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Performance Evaluation of Classifiers on WISDM Dataset for Human Activity Recognition", Second **ACM** International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2016), Udaipur, Rajasthan, India, 4-5 March 2016, DOI [10.1145/2905055.2905232](https://doi.org/10.1145/2905055.2905232), https://www.researchgate.net/publication/324261358_Performance_Evaluation_of_Classifiers_on_WISDM_Dataset_for_Human_Activity_Recognition, Included in **Scopus** Profile
127. K H Walse, Dr. R V Dharaskar and Dr. V M Thakare, "A Study on the effect of Adaptive boosting on Performance of Classifiers for Human Activity Recognition", 1st International Conference on Data Engineering and Communication Technology (ICDECT-2016), pp. 419-429, 10-11, March 2016, Published by **Advances in Intelligent Systems and Computing**, Vol. 469, 2017, Springer, Singapore, DOI https://doi.org/10.1007/978-981-10-1678-3_41, <http://www.springer.com/series/11156>, https://link.springer.com/chapter/10.1007/978-981-10-1678-3_41, Included in **Scopus** Profile
128. K. H. Walse, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "PCA based Optimal ANN Classifiers for Human Activity Recognition using Mobile Sensors Data", International Conference on ICT for Intelligent Systems (ICTIS -2015), Ahmedabad, 28-29 Nov 2015, **Published by Smart Innovation, Systems and Technologies (SIST)**, Vol. 50, 2016, Springer Cham, DOI https://doi.org/10.1007/978-3-319-30933-0_43, <http://ictis.in/wp-content/uploads/2015/11/Technical-Paper-Schedule-Printable-Format-2.pdf>, https://link.springer.com/chapter/10.1007/978-3-319-30933-0_43, Google Scholar Citation: 1, Included in **Scopus** Profile
- Apeksha V. Sakhare
129. Apeksha V. Sakhare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Steering Control of an Automated Vehicle Using Touch Screen With Simulation Results", International Conference on Advances in Information and Commutation Technologies (ICT 2010), 7-9 September 2010, Kochi, Kerala, Published by **Communications in Computer and Information Science**, Vol. 101, Springer, Berlin, Heidelberg, DOI https://doi.org/10.1007/978-3-642-15766-0_106, http://link.springer.com/chapter/10.1007%2F978-3-642-15766-0_106#page-1, <http://www.springerprofessional.de/106---steering-control-of-an-automated-vehicle-using-touch-screen-with-simulation-result/2169996.html>, Included in **Scopus** Profile

2.4.3. National Conference Research Papers (50)

Rajiv Dharaskar

130. R. V. Dharaskar, Invited Paper "Real E-learning Challenges", National Conference on e-Learning: Challenges and Opportunities in the Indian Context, Sponsored by CSI Division I, V and VII, Bankatlal Badruka College for Information Technology (BBCIT), Hyderabad
131. R. V. Dharaskar, Invited Paper "The Corporate E-Learning: Why? When? How?", National Conference on Enterprise wide Information System, Institute of Public Enterprise IPE, Hyderabad
132. R. V. Dharaskar, "Multimedia Technology for Fastest Teaching-Learning Process", National Conference on Digital Convergence for Quality Education, Hyderabad, Dec 2003
133. R. V. Dharaskar, "Selection of Better Multimedia Recording Techniques for Quality of CBT", Proc. National Conference on Digital Convergence for Quality Education, Hyderabad, Dec 2003, pp: 128-137, Google Scholar Citation: 02
134. R. V. Dharaskar, "Virtual Labs and Remote Labs Using Multimedia, 3D, Interactive, and Internet Technologies for Improving School Education in Developing Nations Like India and Underdeveloped Nations", CSI National conference "Bridging the Digital Divide", Ongole, Feb 2004, pp: 73-78
135. R. V. Dharaskar, "The Upcoming Areas for Improving E-Learning, Emerging Trends and the Next Generation E-Learning Technology", CSI National Conference "Bridging the Digital Divide", Sriji College, Ongole, AP, India, 1-2 Feb 2004, pp: 36-40,

- <https://www.researchgate.net/publication/324378993> The Upcoming Areas for Improving E-Learning Emerging Trends and the Next Generation E-Learning Technology
136. R. V. Dharaskar, "The Generalized Technique for Establishing Mobile Virtual Collaborative Laboratories Based on Peer to Peer Network Technology", National Seminar on Emerging Technologies & Applications ETA-2004, Saurashtra University, Rajkot, 25-26 Feb 2004, pp: 27-28, <https://www.researchgate.net/publication/324362664> The Generalized Technique for Establishing Mobile Virtual Collaborative Laboratories Based on Peer to Peer Network Technology
137. R. V. Dharaskar, "Multimedia, E-Learning, E-Health, Telemedicine Techniques to Enhance the Performance and Efficiency of Para Medical Staff of India, Underdeveloped and Developing Countries", National Seminar on Emerging Technologies & Applications ETA-2004, Saurashtra University, Rajkot, 25-26 Feb 2004, pp: 06
138. R. V. Dharaskar, "Effective Use of Multimedia Technology for Enhancing the Memory Retention Process of Human Brain in E-Learning through CBT Software", National Conference on Research & Practices in Current Areas of IT RPTI'04, Sant Harchand Singh Longowal Central Institute of Engineering & Technology, Longowal Punjab, 26-27 March 2004, pp: 139-143, <https://www.researchgate.net/publication/324362728> Effective Use of Multimedia Technology for Enhancing the Memory Retention Process of Human Brain in E-Learning through CBT Software , **Google Scholar Citation: 5**
139. R. V. Dharaskar, V M Thakare, "Generalized Technique Using P2P Networks, Collaborative Tools and E-Learning to Establish Most Cost Effective National Grid", CSI National Conference on "E-Services: Dream to Reality", Vasavi College of Engineering, Hyderabad, 26-28 Aug 2004, pp. 30-35, <https://www.researchgate.net/publication/324362821> Generalized Technique Using P2P Networks Collaborative Tools and E-Learning to Establish Most Cost Effective National Grid
140. R. V. Dharaskar, Rajesh Dixit, P S Mendole, V. Bajpayee, N. Choube, "Creative Technique for Developing E-Learning Software for Computer Graphics", National Conference on Next Generation IT: Documenting The Future "Gyanodaya", GGITS, Jabalpur, Madhya Pradesh, 18-20 March 2005, <https://www.researchgate.net/publication/324362942> Creative Techniques for Developing E-Learning Software for Computer Graphics
141. R. V. Dharaskar, V. M. Thakare, "Innovative E-Learning Techniques for 8085/8086 Microprocessor", CSI National Conference on "COMPUTING-2005: IT for Transforming Dreams into Reality", Devi Ahilya University, Indore, 14-15 May 2005, <https://www.researchgate.net/publication/324605812> Innovative E-Learning Techniques for 8085/8086 Microprocessor
142. R. V. Dharaskar, V. M. Thakare, Invited Paper "E-Learning Complexities", RITE 2005, Bannari Amman Institute of Technology Sathyamangalam, Tamil Nadu, October 2005
143. R. V. Dharaskar, V. M. Thakare, "Software Engineering and E-learning", National Conference on Cyber Security, Data Mining and ICT for Society, Guru Ghasidas Central University Bilaspur, 19 Jan 2006, <https://www.researchgate.net/publication/324605691> Software Engineering and E-learning
- Suresh Jain
144. Suresh Jain, R. V. Dharaskar, N. S. Choudhary, "Inference of Regular Languages Using Characteristics Samples", National Conference "Cyber Security, Data Mining and ICT for Society", Guru Ghasidas Central University Bilaspur, 19 Jan 2006, <https://www.researchgate.net/publication/324603543> Inference of Regular Languages Using Characteristics Samples
- Nitin Upadhyay
145. Nitin Upadhyay, R. V. Dharaskar, "Role of AI in effective eLearning", National Conference on Cyber Security, Data Mining and ICT for Society, Guru Ghasidas Central University Bilaspur, 19 Jan 2006, <https://www.researchgate.net/publication/324603628> Role of AI in effective eLearning
- Vilas Mahatme
146. Vilas Mahatme, Dr. R. V. Dharaskar, "Contribution of Artificial Intelligence to the E-learning", National Conference on "Emerging Trends in Communication & Information Technology (ETCIT-08), Amravati, Maharashtra, India, 19-20 Sept 2008
- Purnima Soni
147. Purnima Soni, S. V. Gumaste, Dr. R.V. Dharaskar, "A Network Management Using Mobile Agents", National Conference on "Emerging Trends in Communication & Information Technology (ETCIT-08), Amravati, Maharashtra, India, 19-20 Sept 2008
- Ekta R. Pashine

148. Ekta R. Pashine , Dr. R. V. Dharaskar, “Analysis of Text-To-Speech Implementation for Railway Time-Table System”, Bhilai Institute of Technology (Seth Balkrishan Memorial) Bhilai House, Durg Chhattisgarh, 10th Jan 2009
149. Ekta R. Pashine , Dr. R. V. Dharaskar, “Text-To-Speech Implementation for Railway Time-Table System: A Survey”, National Seminar on Recent Advances on information Technology RAIT-2009, Indian School of Mines University Dhanbad, 6-7 Feb.2009
- S. Lohi
150. S. Lohi, Dr. R. V. Dharaskar, “Analysis and Design of a Comprehensive Text Categorization Approach for English Language”, National Conference on Recent Trends in IT Applications to Engineering Problems (RTIAE-08), GGITM, Bhopal, 14-15 Nov 2008
151. Shantanu Lohi, M B Chandak, Dr. R. V. Dharaskar, Dr. V. M. Thakare, “Efficient Text Categorization System Development for English Language-A Comprehensive Study of Development of Analysis and Design Approach for an Efficient Categorization Working Environment”, National Conference on Research Trends in Information Technology (NCRT-09), Sinhgad College of Engineering, Pune, 13-15 March, 2009, https://www.researchgate.net/publication/324362984_Efficient_Text_Categorization_System_Development_for_English_Language-A_Comprehensive_Study_of_Development_of_Analysis_and_Design_Approach_for_an_Efficient_Categorization_Working_Environment
152. Shantanu A. Lohi, Dr. R. V. Dharaskar, “Analysis and Design of a Comprehensive Text Categorization Approach for English Language”, National Conference on "Emerging Trends in Communication & Information Technology (ETCIT-08), Amravati, Maharashtra, India, 19-20 Sept 2008
- M. Bhagwani
153. M. Bhagwani, V. Mahatme, Dr. R. V. Dharaskar, “Test Sheet Generation Using Feasible Item First Genetic Algorithm”, National Conference on Emerging Trends in Modern Computing & ITs Applications BITCON 2008, Bhilai Institute of Technology, Durg, 7-8 November 2008, https://www.researchgate.net/publication/324364460_Test_Sheet_Generation_Using_Feasible_Item_First_Genetic_Algorithm
154. Manish H. Bhagwani, V. P. Mahatme, Dr. R. V. Dharaskar, “A Comparative Analysis of Test Sheet Generating Approaches For Multiple Assessment Criteria In E-Learning”, National Conference on "Emerging Trends in Communication & Information Technology (ETCIT-08), Amravati, Maharashtra, India, 19-20 Sept 2008
155. Manish H. Bhagwani, V. P. Mahatme, Dr. R. V. Dharaskar, “On the Development of a Personalized E-Learning Evaluation System”, NCICT-2011, NYSS, Nagpur, 23-24 Dec. 2011
- Apeksha V. Sakhare
156. Apeksha V. Sakhare, R. V. Dharaskar, V. M. Thakare, “An Algorithm for Touch Screen Steering Control of Automated Vehicle”, National Conference on “Emerging Trends in Electronics Engineering & Computing” (E3C 2010), pp. 1864-1869, https://www.researchgate.net/publication/324114791_An_Algorithm_for_Touch_Screen_Steering_Control_of_Automated_Vehicle
- M. K. Assudani
157. M. K. Assudani, R V Dharaskar, “A Framework for Mobile Internet”, National Conference on “Emerging Trends in Electronics Engineering & Computing” (E3C 2010), pp. 1793-1800, https://www.researchgate.net/publication/324114778_A_FRAMEWORK_FOR_MOBILE_INTERNET
- Khusbhoo S. Thakkar
158. Khusbhoo S. Thakkar, M. B. Chandak, R. V. Dharaskar, “Using Text Summarization for Deriving Features of the Text”, National Conference on Recent Trends in Computing and Information Processing (RTCIP – 2010), KITS Ramtek, Maharashtra, India, pp. 62-66, https://www.researchgate.net/publication/324388225_Using_Text_Summarization_for_Deriving_Features_of_the_Text
- B. V. Wakode
159. B. V. Wakode, R. V. Dharaskar, V. M. Thakare, “Web Mining Framework for Efficient Management of User Activity Profiles”, National Conference on Advanced Technologies in Computing and Networking (ATCON-09), Amravati, 13-14 Nov 2009
- Nilesh M. Shelke
160. Nilesh Shelke, R. V. Dharaskar, “Restricted Domain Natural Language Query Processing System”, National Conference on Advanced Technologies in Computing and Networking (ATCON-09), P.G. Dept. of Comp. Sci. & Tech., HVPM, Amravati, pp. 5, 13-14 Nov 2009,

https://www.researchgate.net/publication/324418523_Restricted_Domain_Natural_Language_Query_Processing_System

161. Nilesh Shelke, R. V. Dharaskar, "A New and Practical Mobile Agent Based Approach for Load Monitoring of Web Server", National Conference ETCSIT 09, Pooja Bhagavat Memorial Mahajana P.G. Center, Mysore, Karnataka, pp. 32-36, 17-18 April 2009, https://www.researchgate.net/publication/324437882_A_New_and_Practical_Mobile_Agent_Based_Approach_for_Load_Monitoring_of_Web_Server
- Smita R. Khond
162. Smita R. Khond, R. V. Dharaskar, V. M. Thakare, "Fuzzy Kmeans Clustering and Pattern Mining of Collaborative Learning Data", National Conference on Advanced Technologies in Computing and Networking (ATCON-09), Amravati, pp. 12, 13-14 Nov 2009
- U. S. Junghare
163. U. S. Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Review of Technical Issues for 3D Visualization and Mobile Devices", National Conference on Recent Trends in Soft Computing and Networks (NCRTSCN-2010), Lakshmi Narain College of Technology, LNCT, Bhopal, 26-27 March 2010, pp. 10-13, https://www.researchgate.net/publication/324438091_Review_of_Technical_Issues_for_3D_Visualization_and_Mobile_Devices
164. U. S. Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Data Structures for Visualization in Mobile Devices", National Conference on Advanced Technologies in Computing and Networking (ATCON-2009), P.G. Dept. of Comp. Sci. & Tech., HVPM, Amravati, Maharashtra, India, 13-14 Nov 2009, https://www.researchgate.net/publication/324438427_Data_Structures_for_Visualization_in_Mobile_Devices
165. U. S. Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Wireless approach for 3D visualization on mobile devices", National conference on Innovations and Trends in Computer and Communication Engineering (ITCCE-2012), Nashik, pp 89-92, Feb. 2012.
166. U. S. Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Visualization in mobile computing", National conference on Computing, Communication, Electronics & Management (NCCCEM-09), KCES College of Engg. & IT, Jalgaon, 20-21 Mar 2009.
167. U. S. Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, "Methodologies for Visualization on Mobile Devices: A Survey", National Seminar on Information Technology Enabled Services (ITeS-09), Shri Shivaji Sc. College, Akola, 11 April 2009.
- Pravin R. Futane
168. Futane Pravin, Dr. Dharaskar Rajiv, Dr. V. M. Thakare, "Exploring the techniques applies to Sign Language Recognition", National conference on Innovations and Trends in Computer & Communication Engineering ITCCE-2010, MET, Nashik, Maharashtra, India, 25-27 Feb 2011, https://www.researchgate.net/publication/324441295_Exploring_the_techniques_applies_to_Sign_Language_Recognition
169. R. Wagne, Futane Pravin, Dr. Dharaskar Rajiv, "An Approach for Hand Sign Language Using Static Signs (Comparative study)", National Conference on Pervasive Computing NCPC-2010, SCOE, Pune, 9-10 April 2010, https://www.researchgate.net/publication/324528974_An_Approach_for_Hand_Sign_Language_Using_Static_Signs_Comparative_study
170. P. R. Futane, Dr. R. V. Dharaskar, "Proposed framework of gesture sign data acquisition and recognition in context with Indian sign language", 3rd National conference on Indian Language Computing (NCILC-2013), Cochin University of Science and Technology CUSAT, Cochin, 19-20 Jan 2013, <http://dca.cusat.ac.in/ncilc13/Doc/accepted%20papers.pdf> (List of accepted research papers: 7th entry), <http://dca.cusat.ac.in/ncilc13/Doc/NCILC-2013-Programme.pdf> (Program Schedule), https://www.researchgate.net/publication/324516701_Proposed_framework_of_gesture_sign_data_acquisition_and_recognition_in_context_with_Indian_sign_language
171. P. R. Futane, Dr. R V Dharaskar, Dr. V. M. Thakare, "A study of framework for sign language recognition system", 2nd National Conference on recent trends in Computer Engineering (RTCE -09), Pune, 2009.
- P. E. Ajmire
172. P. E. Ajmire, R. V. Dharaskar, V. M. Thakare, "Statistical Techniques for Feature Extraction for Handwritten Character Recognition"- A Survey, National Conference On Recent Advances in Electronics and Computer Science, January, 2014, http://www.researchgate.net/profile/Prafulla_Ajmire/publication/275532469_Statistical_Techniques_for_Fe

[ature Extraction for Handwritten Character Recognition -](#)

[A Survey/links/553f326a0cf210c0bdaacaa8.pdf](#) , Google Scholar Citations: 1

Rajashri. R. Shelke

173. R. R. Shelke, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Data Mining in Wireless Environment: An Overview", National Conference on Innovative Paradigms in Engineering & Technology, (NCIPET-2013), 17 Feb 2013, pp.362-366
174. R. R. Shelke, Dr. R. V. Dharaskar, Dr. V. M. Thakare, "Client-Side Mobile User's Consumptive Behavior Based on Data Mining Techniques", National Conference on Advances in Information and Communication Technology, Madhav Institute of Technology and Science, Gwalior, 28-29 October 2013, [https://www.researchgate.net/publication/324506309 Client Side Mobile User's Consumptive Behaviour Based on Data Mining Techniques](https://www.researchgate.net/publication/324506309_Client_Side_Mobile_User's_Consumptive_Behaviour_Based_on_Data_Mining_Techniques)