

Curriculum Vitae of Dr. Dhananjay Ramrao Kalbande

Designation :	Professor & Head Dean (Industry Relations)		
Department :	Computer Engineering		
Current Employee	Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology, Mumbai.		
Date of Joining the Institution :	11 th Aug. 2000		
Qualification:	UG	B.E. Computer	Nagpur Univ. 1997
	PG	M.E. Info.Tech.	Mumbai Univ. 2005
	Ph.D.	Ph.D (Technology)	Mumbai Univ. July 2011
Post-PhD Qualification:	P.D.F.	Post-Doctoral Fellow	Tata Institute of Social Sciences (TISS), Mumbai 2016-17
	S.R.F.	Senior Research Fellow	Tata Institute of Social Sciences (TISS), Mumbai From July 23, 2016 to Oct 10, 2016 On the project funded by National Commission for Women (NCW), Govt. of India.
	Research Fellowship	Fellowship	Tata Trust & M.I.T.(U.S.A.) on CLIX-Project From Feb 20, 2017 to till date
Total Experience in years :	Teaching	Industry	Research
	16	6 month	6
Papers Published:	National	International	
	6	62	
Papers Presented in Conferences :	National	International	
	2	27 1. IEEE International Conf .Chengdu, China. July 7 -9, 2010.(2 papers) 2. IEEE International Conf . Mumbai, India. Jan. 7-9 2011.(1 paper)	

		3.ACM conference Feb 2011.(3 paper) 4.IEEE ICCICT 2012,Mumbai (3 papers) 4.Springer Conference Jan 2013(1 paper) 5.IEEE INDICON Dec2013.(1 paper) 6.IEEE SFITApr.2014(3Papers) 7.IEEE(3 papers) ICCICT,SPIT Jan 2015 8.IEEE (2 paper)(ICTSD Feb 2015) 9.ACM –WIR-Indore-2016(5 papers) 10.IEEE 2016.(3 papers)
Books Published	4	1. Graphical User Interface (GUI) (Elective Subject) for B.E. IT branch, Published By Pareen Publication, Mumbai. 2. Management Information System(MIS) for B.E. I.T & Computers branch, Published By Pareen Publication, Mumbai. 3. Human Machine Interaction ,By Wiley Publications,2015 4. Digital Forensic , By Wiley Publication,2016
Professional Memberships :	CSI (I1502630),IEEE (85008767), ACM(3842437)	
Consultancy Activities :	1. Developed and maintaining Engineering Examination Software under Sardar Patel Consultancy Services of S.P.I.T. since from 2005 to 2010. 2. Consultant for software development of smart and AI based travel website in the year 2014. 3. Consultant for software development of LMS system in the year 2014. 4. Consultant for software development of construction website in the year 2014.	
Grants fetched :	1.Received Sanctioned Letter from UGC for Minor research Project 2012-13 2. Grant from National Science & Technology Entrepreneurship Development board (NSTEDB), DST, Govt. of India, New Delhi. 3. University Research Grant for the year 2010-2011. 4. University Research Grant for the year 2011-2012. 5. (Co-investigator) University Research Grant for the year 2013-2014.	
Interaction Inside the Institute:	1. IEDC Advisor for DST Granted Projects in S.P.I.T. 2. R&D committee member of S.P.I.T. 3. E-cell Chair (2010 to till date)	

	<p>4. Industry institute interaction (IIC) Cell chair (2014 to till date) Handling internship activities with startups/companies with which MoU has been made.</p>
Interaction with the Professional Institution:	<ol style="list-style-type: none"> 1. Reviewer at various National & International Conferences like IEEE/ACM/Springer etc. 2. Member of LIC committee of University of Mumbai. 3. Member of Syllabus committee for designing course curriculum (UG and PG) of University of Mumbai. 4. Member of Result Moderation Committee of University of Mumbai. 5. Examiner for M.E. and Ph.D. thesis evaluation in Computer Engg. And Information Technology. 6. Expert and resource person to deliver and conduct the talk on accreditation process and evaluation of SAR 7. Expert to evaluate the Result Processing Software for MSBTE, Mumbai, India. 8. Technical Expert in the Scrutiny Work assigned by the AICTE, New Delhi, India. 9. Member ,Adhoc Board of Studies, Computer Engineering,, University of Mumbai 10.Chairman,Adhoc BOS, M.C.A., University of Mumbai. 11. Subject Expert and VC-Nominee Member for conducting Interviews of University Staff Selection Committee (USSC) of University of Mumbai. 12. Member, Scrutiny Committee, Affiliation Section, University of Mumbai.
Subjects taught till today	<ol style="list-style-type: none"> 1.C++,Java: Programming Language 2.Computer Arch.& Organization 3.Computer Networks 4.Advanced Microprocessor 5. Neural Network & Fuzzy Systems. 6.Human Computer Interaction 7.Soft Computing 8.MIS 9.E-business Technology 10. Decision Making & Adaptive Business Intelligence.
Workshop/STTP/Seminar conducted and participated	<p>21</p> <ol style="list-style-type: none"> 1. Conducted one month training program on Office Automation in Bharati Vidyapeeth Institute of Technology, Navi Mumbai.

	<ol style="list-style-type: none"> 2. Conducted two days short term course on Data Mining & Warehousing in Sardar Patel college of Engineering, Mumbai. 3. Conducted Workshop on Network Simulator at Thakur College of Engineering And Technology, Mumbai 4. Conducted and trainer for the two-days workshop on Neural network & fuzzy logic from 20th & 21st March.2009. 5. Coordinated & conducted the two-week Application development certificate programme (STTP) on VB.Net & ADO.Net from 22nd June to 4th July.2009. 6. Coordinated & conducted the 8-days Application development certificate programme (STTP) on VB.Net & ADO.Net from 22nd Aug to 1st Sept.2009. 7. Coordinated 1-day workshop on software testing on 12th march 2010 8. Coordinated & Conducted the 2-days Application development certificate programme (STTP) on VB.Net & ADO.Net from 6th to 7th march 2010. 9. Conducted a session on PC Assembly organized by CSI S.P.I.T. Chapter on 14th March 2010 10. Coordinated and conducted the 2-days workshop on Neural Network & Fuzzy Logic (NNFL) from 27th to 28th March 2010. 11. Coordinated and conducted one week STTP on VB. Net & ADO .Net from 7th to 15th Aug 2010. 12. Conducted a session on Network Simulator 2.0 at ISTE approved workshop in THAKUR ENGG.COLLEGE, Kandivali,Mumbai. 13. Conducted seminar on “Designing Neural Network using Java Object Oriented Neural Engine (JOONE) and Neural Easy Tool for Pattern Recognition” on 24th February 2010 under the national state level seminar on “Artificial Intelligence and its Application” organized by Modern College of Engineering with University of Pune under QIP.
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	<p>14. Coordinated & Conducted the 4-days Application development certificate programme (STTP) on VB.Net & ADO.Net from 7th Aug to 11th Aug 2012</p> <p>15. Coordinated the 3-days Application development certificate programme (STTP) on Ruby on Rails from 15th Sept to 17th Sept 2012.</p> <p>16. Coordinated and conducted the 2-days workshop on Human Computer Interaction from 16th and 17th Feb. 2013.</p> <p>17. Coordinated and conducted the 2-days workshop on Soft Computing and Neuro Morphic Engineering from 7th and 8th Feb. 2014.</p> <p>18. Conducted two days session in one week ISTE approved STTP on Outcome Based Education : Accreditation and Quality Assurance from 17-21 Nov 2014 at Fr.CRCE,Bandra,Mumbai.</p> <p>19. Conducted one day workshop on Outcome Based Accreditation and Academic Learning Process on 16th Jan 2015.</p> <p>20. Coordinated and conducted the 2-days workshop on Soft Computing and its practices from 10th and 11th July. 2015.</p> <p>21. Coordinated and conducted the 5-days workshop on Emerging technologies from 22nd Dec 2016 to 27th Dec. 2016.</p>
Continuous Education Program	<p>1. Attended One day CEP on IDD Design Methodology at IIT Bombay in Dec 2009.</p> <p>2. One week ISTE approved STTP on Digital Forensic from 11-5 Nov.2014 at Fr.CRCE, Bandra, Mumbai.</p>

Industrial Training / Workshop	<ol style="list-style-type: none"> 1. Delivered hands-on on Net. Simulator in ISTE approved workshop at Thakur Engg. college. 2. Delivered Seminar on “Designing Neural Network using JooNE “at Modern Engg.Coll, with Univ. Of pune, under QIP grant. 3. Attended 3 days International Conf. on Operation Management organized by SOMS, at NITIE from 17-19 Dec.2010 4. Delivered Expert Talk on Research Proposal Preparation and current research trends in 2-days workshop on “Research Proposal and Technical Paper writing” organized by S.P.I.T., 10,11 April 2015. 5.Delivered a talk on Research Proposal Writing and Current Research Trends in One Day National Workshop on “Trends in Big Data and Hadoop” organized by Pillai HOC COET,Rasayani on 11th April 2015. 6. Delivered Expert Talk on Research Proposal Preparation and current research trends in 2-days workshop on “Research Proposal and Technical Paper writing” organized by S.P.I.T., 8th and 9th April 2016. 7. Delivered Expert Talk on “CO-PO Attainment” in ISTE Approved One week STTP on Outcome Based Education - Innovative Teaching Learning Practices and Evaluation 2nd May to 06th May, 20, SPIT, Mumbai
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List of Publications and Research:

NATIONAL JOURNAL[01]

1. D.R.Kalbande, Dr.G.T.Thampi, S.Sawalekar,” TPM “Total productive Maintenance“: A case study in Manufacturing Industry”, IIIE (National Journal of Indian Institute of Industrial Engineering) Journal Oct .2010.

INTERNATIONAL JOURNAL [14]

1. D.R.Kalbande, Dr.G.T.Thampi, “Multi-attribute and Multi-criteria Decision Making Model for technology selection using fuzzy logic”, Technia – International Journal of Computing Science and Communication Technologies, IJCSCT Vol. 2, Issue 1, July 2009.
2. D.R.Kalbande, Manish Singh ,“Incidence Handling & Response System”, International Journal of Computer Science & Information Security IJCSIS, Vol. 2, June 2009, ISSN 1947-5500.(IMPACT FACTOR: 0.423)

3. D.R.Kalbande, Dr.G.T.Thampi "Fuzzy neural model (FNM) for selecting ERP Technologies in a ongoing project settings", Issue in CiiT International Journal of Artificial Intelligent Systems and Machine Learning Print: ISSN 0974 – 9667 & Online: ISSN 0974 – 9543, Nov. 2009 , (DOI: AIML112009005, IMPACT FACTOR: 0.763)
4. Shekhar Shah,D.R.Kalbande,Rudani,Presha Shah ,“Algorithm to access Office Files on Mobile Phones, Proceedings of International Journal of Computer Application (IJCA), ISSN: 0975 8887, Number 3, Article -4 March 2011 and also Published by Foundation of Computer Science. BibTeX
5. D.R.Kalbande, Dr.G.T.Thampi , "An Empirical Formulation of cost of technology acquisition and cost reduction: A case study in Manufacturing Industries ,International Journal of Industrial Engineering and Technology (IJIET), March 2011., ISSN 0974 -3146 Volume 3, Number 2(2011),pp.215-222.
6. D. Kalbande, N. Deotale, P. Singhal, S. Shah, and G. Thampi, "An Advanced Technology Selection Model using Neuro Fuzzy Algorithm for Electronic Toll Collection System", (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 2, No. 4, 2011 ,pp.97-104.
7. D.R.Kalbande, Harsh Panchal,Nisha Swaminathan ,Preeti Ramraj, "ANFIS Based SPAM Filtering Model for Social Networking Websites", *International Journal of Computer Applications* 44(11):32-36, April 2012. Published by Foundation of Computer Science, New York, USA.,DOI : 10.5120/6310-8635
8. Smita Patil, Yogita Mane, Kanchan Dabre, Puneet Devan, D.Kalbande,"An efficient Recommender System Using Collaborative Filtering Method with K-Means Approach" , International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622,Mar'12, Page no. 30-35.
9. Priyanka Kulkarni, D.R.Kalbande, Neelam Gulrajani, Srinath Warrior "Smart Card based Android Application for Public Transport Ticketing System", *International Journal of Computer Applications* 60(11):29-32, December 2012. Published by Foundation of Computer Science, New York, USA,DOI: 10.5120/9738-4289.
10. Mahendra Mehra,Kailas Devadkar,Dhananjay.R.Kalbande, "Mobile Cloud based Compiler : A Novel Framework For Academia", International Journal of Advancements in Research & Technology,Volume 2,Issue4,April 2013 Page 445 ISSN 2278 7763.
11. Nilakshi Jain , Dr. Dhananjay R Kalbande, "Physical and Cyber Crime Using Digital Forensic Approach : A Complete Digital Forensic Tool", accepted in Springer Book "Advances in Computing and Management" 2016 proceedings .
12. Nilakshi Jain , Dr. Dhananjay R Kalbande , "A Comparative Study Based Digital Forensic Tool A Complete Automated Tool", IJoFCS-International Journal of Forensic Computer Science ,Vol-09, Issue-01, pp 15-22 , October-2014 ISSN: 1980-7333.

13. Nilakshi Jain , Dr. Dhananjay R Kalbande ,Digital Forensic Models: A Complete Literature Review Published paper in IJSRD-International Journal of Scientific Research & Development Vol-01, Iss-01, Mar-2013 ISSN: 2320-7477.
14. Nilakshi Jain , Dr. Dhananjay R Kalbande ,Comparative Digital Forensic Model ,Published paper International Journal of Innovative Research in Science, Engineering and Technology Vol. 2, Issue 8, August 2013 ISSN: 2319-8753.

NATIONAL CONFERENCE [5]

1. D.R.Kalbande, “MIS for Knowledge Management in the organization” ,National Conference at Bannari Amman Inst.of Technology, 2005.
2. D.R.Kalbande,“Network Intrusion and detection Mechanism” , National Conference at Govt.College Engg., Aurangabad, 2005.
3. D.R.Kalbande ,“A Novel Idea to speed up the customer business in the context of Indian railways” , K.J.Somaiya College of Engineering, Mumbai, 2006.
4. Swati Iyer, Neelam Gulrajani, D.R.Kalbande, “Systolic Arrays and Recursion : A new approach for matrix multiplication” , National Conference on “Recent Advances in Computer Vision and Information Technology”, Government College of Technology, Coimbatore, March 2010.
5. S.khan,D.R.Kalbande,“Machine Learning model for Efficient Product Categorization” ,National Conference on Eco-Friendly Technologies for sustainable growth,ICEFT-14, March 27-28 2014 at MHSSCOE,Mumbai,India.

INTERNATIONAL CONFERENCE [48]

1. Dhananjay Kalbande.G.T.Thampi,“Identifying the research areas in the realm of “Information technology in Manufacturing” ,JMI University, Delhi in Jan 2006.
2. Dhananjay Kalbande, Dr.Gopakumran Thampi, “Neuro-Analytical Hierarchy Process (NAHP) Approach for Selecting ERP Technologies in a Ongoing Project Settings”,3rd IEEE International Conference onComputer Science and Information Technology (IEEE ICCSIT 2010) ,July 9-11, 2010,Chengdu ,China. ,IEEE Catalog Number:CFP1057E-PRT , Vol.4, ISBN: 978-1-4244-5538-6, Library of congress :2009938342.
3. Dhananjay Kalbande and Dr. Gopakumaran Thampi, Priyank Singhal, SumiranShah, ”Zip it Up SMS :- A Path breaking Technology Model in the field of Mobile Messaging”.3rd IEEE International Conference on Computer Science and Information

Technology, (IEEE ICCSIT 2010) ,July 9-11 2010,Chengdu ,China.,IEEE Catalog Number:CFP1057E-PRT , Vol.4,ISBN: 978-1-4244-5538-6,Library of congress :2009938342.

4. Dhananjay Kalbande and Dr. Gopakumaran Thampi,“Total Productive Maintenance –Accelerating OEE in a Manufacturing Industry leveraging pervasive technologies”.IEEE International conference on Manufacturing Science & Technology (ICMST 2010), Kuala Lumpur, Malaysia 26-28 Nov 2010. (IEEE Catalog Number:CFP1045L-PRT , Vol.4, ISBN: 978-1-4244-5538-6)
5. Dhananjay Kalbande,Aakash Mishra,Sanjivani Patil,Sneha Nirgudkar,Prashant Patel,”Lip Reading Using Neural Networks”.IEEE 2010 International Conference on Graphic and Image Processing (ICGIP December 2010) Manila, Philippines. Proc. SPIE 8285, 828519 (2011); doi:10.1117/12.913406
6. Nilesh Deotale,Dhananjay Kalbande,Aakash Mishra, ”Energy Conservation using Face Detection. Published in IEEE 2010 International Conference on Graphic and Image Processing (ICGIP December 2010) Manila, Philippines. Proc. SPIE 8285, 828526 (2011); doi:10.1117/12.913489
7. Dhananjay Kalbande and Dr. Gopakumaran Thampi ,”Demonstrating Creation of an Empirical Formula from the First Principle: A Case Study in Manufacturing Industries”,International Conference on Development And Applications Of Statistics InEmerging Areas Of Science & Technology December 8-10, 2010 (ICDASEAST 2010),University of Jammu, Jammu-180006, India.
8. Dhananjay Kalbande and Dr. Gopakumaran Thampi ,“An Empirical Relationship Of Cost Of Technology Acquisition And Cost Reduction In Manufacturing Enterprises.”,IEEE 2011 3rd International Conference on Computer Modeling and Simulation (ICCMS 2011) Mumbai, India. (IEEE catalog no. CFP1197F-ART, ISBN: 978-1-4244-9243-5).
9. Dhananjay Kalbande,Dr.Gopakumaran Thampi ,”Leveraging Agility in Business Processes using E-Procurement”, Accepted for publication in IEEE 2011 3rd International Conference on Machine Learning and Computing (ICMLC 2011)Singapore, February 26-28, 2011(ICMLC SINGAPORE FEB.2011 ,IEEE PRESS.).
10. Dhananjay Kalbande,Dr.Gopakumaran Thampi,P.Singhal , ”Preprocessing Selection Of Enterprise Resource Planning Applications In Small Manufacturing Industry And Its Impact On Business Process Agility”,2011 International Conference on Software and Information Engineering MALAYSIA JUNE 2011.(ICSIE MALAYSIA 2011 ASME PRESS). DOI: <http://dx.doi.org/10.1115/1.859735.paper71>
11. Dhananjay Kalbande,Dr.Gopakumaran Thampi, ”E-procurement for increasing business process agility”,International Conference & workshop on Emerging Trends and

Technology (ICWET -ACM MUMBAI 25-26 Feb 2011) ,ACM International Digital Library,SIGART,USA. ISBN: 978-1-4503-0449-8 ,
DOI :10.1145/1980022.1980187

12. Dhananjay Kalbande,Sanket Bhoir, Sneha Nirgudkar, Sanjivani Patil, "Neural Network Based Empirical Model Development for E-Business (Mobile) Application.", International Conference & workshop on Emerging Trends and Technology(ICWET -ACM MUMBAI 25-26 Feb 2011) ,ACM International Digital Library, SIGART, USA.ISBN: ISBN:978-1-4503-0449-8,DOI:10.1145/1980022.1980353

13. Dhananjay Kalbande, Shekhar Shah, Presha Shah, Jigar Rudani, "Algorithm to access Office Files on Mobile Phones",International Conference & workshop on Emerging Trends and Technology(ICWET -ACM MUMBAI 25-26 Feb 2011) , and ACM, New York NY(USA), ISBN :978-1-4503-0449, DOI:10.1145/1980022.1980112

14. Dhananjay Kalbande,Dr.Gopakumaran Thampi,"An approach to eliminate Self-gratifying Technology (SGT) in manufacturing industry: A case study and critical Research Review.",International Conference Data Management(ICDM -IMT Ghaziabad,India,November 2011.

15. Dr.Dhananjay Kalbande ,Chaitali Shah, Apporva Nigam,Priti Kothawade, "Integrating ERP to Accelerate Business Process Agility: A Case Study and Critical Research Review in Indian Pharmaceutical Industry", IEEE-2012,ICCICT-19-20 Oct. 2012,Mumbai,India.**PrintISBN:** 978-1-4577-2077-2, DOI : 10.1109/ICCICT.2012.6398116

16. Kalbande D.R.,Khan Sumaiya,Thampi G.T., "Neuro Analytical Hierarchy Process (NAHP) Approach for CAD/CAM/CIM Tool Selection in the Context of Small Manufacturing Industries", IEEE-2012, International Conference ,ICCICT-2012,Mumbai,India.**Print ISBN:** 978-1-4577-2077-2, DOI : 10.1109/ICCICT.2012.6398139,

17. Pisolkar Pranali, Parmar, Sneha; Poojari, Chitra; Kalbande,Dhananjay, "Satellite Positioning Simulation System", IEEE-2012, International Conference ,ICCICT-2012,Mumbai,India.DOI: 10.1109/ICCICT.2012.6398141_Year: 2012 , Page(s): 1 – 4.

18. Mhapsekar Aditi; Kulkarni, Priyanka; Nagarsekar, Uma;Kalbande, Dhananjay R., "Voice enabled Android application for vehicular complaint system: Using GPS and GSM-SMS technology", IEEE sponsored International Conf. on Information and Communication Technologies (WICT), Trivendrum Oct 30, 2012_ DOI: 10.1109/WICT.2012.6409133_Publication Year: 2012 , Page(s): 520 – 524.

19. Alifiya Bhanapurwala,Subhashree C,Aishwarya V, D.R.Kalbande , "Demonstration of Signature Analysis using Intelligent Systems",3rd International Conference on advances

in Computing, communication and control ,Springer 18-19 Jan 2013. Volume 361, 2013, pp 199-206, DOI:10.1007/978-3-642-36321-4_18,Print ISBN: 978-3-642-36320-7,Online ISBN:978-3-642-36321-4

20. Mhapsekar Aditi,Kalbande Dhananjay R. ,Kulkarni Priyanka, Nagarsekar Uma ,”Emotion Detection from "The SMS of the Internet",Published in IEEE International Conference Dec 19-21 2013,,IEEE RAICS-2013,Trivandrum,Kerala,India.
21. Kanchan Chandnani, Deepti Chavan, Pratiti Desai and Dr.Dhananjay R. Kalbande, ”Machine Learning Applied To Human Learning”IEEE International Conference IEEE INDICON 2013,13-15 Jan 2013,IIT Bombay,Mumbai,India
22. Sumit G.,O.Karande,A.Pandya,Dr.D.R.Kalbande, ”Gesture detection system using smart watch based motion sensors”, IEEE Conference (CSCITA –Approved by IEEE), April 4-5 2014,Mumbai.
23. Sridari Iyer,Dr.D.R.Kalbande,”Research on Educative Games for Autistic Children”,IEEE Conference (CSCITA –Approved by IEEE), April 4-5 2014,Mumbai.
24. Deepshikha H.,Dr.D.R.Kalbande,”Review of Mobile Data Offloading through Wi-Fi”, IEEE Conference (CSCITA –Approved by IEEE), April 4-5 2014,Mumbai.
25. Aarti Karande,Dr.D.R.Kalbande, ”Web service selection based on QoS using Feedforward Neural Network”, International Conference ICICT-2014,IEEE Delhi Section,in KIET,Gaziabad ,Year 2014-15.
26. Nilakshi Jain,Dr.D.R.Kalbande,” Digital forensic framework using feedback and case history keeper”, IEEE Conference (ICCICT-2015 Approved by IEEE) .Jan 15-17,2015,Mumbai. DOI: [10.1109/ICCICT.2015.7045670](https://doi.org/10.1109/ICCICT.2015.7045670),Publication Year: 2015 , Page(s): 1 – 6.
27. Save Shraddha,Gala Mansi,Patil Surabhi,Kalbande Dhananjay R.,”Applying human computer interaction to individual security using mobile application”,IEEE Conference (**ICCICT-2015 Approved by IEEE**) .Jan 15-17,2015,Mumbai. DOI: [10.1109/ICCICT.2015.7045691](https://doi.org/10.1109/ICCICT.2015.7045691) ,Publication Year: 2015 , Page(s): 1 – 6.
28. Kanakia Harshil, Kalbande, Dhananjay R., "Twitilyzer: Designing an approach for ad-hoc search engine”, IEEE Conference (**ICCICT-2015 Approved by IEEE**).Jan 15-17,2015, Mumbai. DOI: [10.1109/ICCICT.2015.7045716](https://doi.org/10.1109/ICCICT.2015.7045716),Publication Year: 2015 ,Page(s): 1–4.
29. Alifiya Bhanpurawala, Subhashree Chowdhury and Aishwarya Venkateshl,” Screen sharing application for Mobile Phones”, IEEE Conference (ICTSD-2015 Approved by IEEE) .Feb4- 6,2015,Mumbai.

30. Mohsin Karovaliya, Saifali Karedia, Sharad Oza, D.R. Kalbande ,”Enhanced Security for ATM Machine with OTP and Facial Recognition Features”, International Conference On Advanced Computing Technologies And Application, D.J. Sanghvi college of Engineering,Mumbai March 2015, Year : Mar 2015 Published :Elsevier,Science direct doi:10.1016/j.procs.2015.03.166.
31. Mrs. Aarti M. Karande, Dr. D.R. Kalbande “Business Process Analyzed factors affecting Business Model Innovation” Fr C Rodrigues Institute of Technology, Vashi 2015 International Conference on Nascent Technologies in the Engineering Field (ICNTE) DOI: 10.1109/ICNTE.2015.7029933 Feb 2015
32. IEEE International Conference on Research in Computational Intelligence and Communication Networks “Partitioning Android Mobile Application For Improving Execution Time “Kailas K. Devadkar and Dhananjay R. Kalbande 20-22 Nov. 2015 DOI:1109/ICRCICN.2015.7434277
33. Dheeraj Pandey ,Dr Dhananjay Kalbande ,Vijaya Kamble,” Comparative Analysis of Carrier Sense Multiple Access and Carrier Sense Multiple Access with Shortest First”,2015 IEEE Global Conference on Communication Technologies (GCCT-2015), 23rd and 24th April 2015, DOI: 978-1-4799-8553- 1/15/\$31.00 © 2015 IEEE.
34. Nilakshi Jain , Dr. Dhananjay R Kalbande ,” Computer Forensic Tool using History and Feedback Approach”, International Conference on Reliability, InfoCom Technologies and Optimizations IEEE Conference ,Delhi (ICRITO-2015). (Print ISBN: 978-1-4673-7231-2)
35. Nilakshi Jain , Dr. Dhananjay R Kalbande, ”Digital Forensic Framework using Feedback and Case History Keeper”,International Conference on Communication, Information and Computing Technology IEEE Conference (ICCICT-2015) ,SPIT , Mumbai India (Print ISBN:978-1-4799-5521-3).
36. Nilakshi Jain , Shwetambari Pawar, Dr. Dhananjay R Kalbande , ”Network Security Analyzer: Detection and Prevention of Web Attacks Using Digital Forensic” , International Conference on ICT for Intelligent Systems (ICTIS – 2015)Ahmadabad. (Springer SIST), Series Title: Smart Innovation, Systems and Technologies (SIST) ISSN Number – 2190-3018.
37. Nilakshi Jain , Dr. Dhananjay R Kalbande , ”Physical and Cyber Crime Using Digital Forensic Approach”,International Conference on ICT for Intelligent Systems (ICTIS – 2015) Ahmadabad(Springer SIST), Series Title: Smart Innovation, Systems and Technologies (SIST) ISSN Number – 2190-3018.
38. Mrs. Aarti M. Karande, Dr. D.R. Kalbande “Selection of optimal services working on SCM strategies using Fuzzy decision making methods” 2nd IEEE International Conference on Computational Intelligence & Communication Technology (IEEE CICT-2016) Ghaziabad India
39. Seema Kolkur ,Dhananjay Kalbande,”Review of Machine Learning Algorithms in R software for Diagnosis of ESD Diseases” , presented in ACM Women in Research

Conference (ACM-WIR 2016),at Sri Aurobindo Institute of Technology,Indore.21st March 2016.

40. Anjali Yeole, Dhananjay Kalbande,” Use of Internet of Things (IoT) in Healthcare: A Survey “, accepted for presentation and publication in ACM Women in Research Conference (ACM-WIR 2016),at Sri Aurobindo Institute of Technology,Indore.21st March 2016.
41. Nilakshi Jain,Dhananjay Kalbande ,” Empirical relationship between Victim’s occupation and their knowledge of Digital Forensic ”, accepted for presentation and publication in ACM Women in Research Conference (ACM-WIR 2016),at Sri Aurobindo Institute of Technology,Indore.21st March 2016.
42. Nilakshi Jain ,Dhananjay Kalbande, “Computerized Forensic Approach Using Data Mining Techniques”, accepted for presentation and publication in ACM Women in Research Conference (ACM-WIR 2016), at Sri Aurobindo Institute of Technology,Indore.21st March 2016.
43. Asha Bharambe,Dhananjay Kalbande, “Techniques and Approaches for Disease Outbreak Prediction: A Survey”, accepted for presentation and publication in ACM Women in Research Conference (ACM-WIR 2016),at Sri Aurobindo Institute of Technology,Indore.21st March 2016.
44. Ankit Srivastava ,Dhananjay Kalbande,” Neuro-Bi Approach For Management Information System For An Enterprise”, presented in 2016 International conference on Smart structure and system(2016 IEEE ICSSS),at Saveetha Engineering College,Anna University,Chennai, India, March 23,24 .2016.
45. Manjusha G.,D.Pandey, Dhananjay Kalbande, “Machine Learning Approach for Predicting bumps on Road”, 2015 International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT), Davangiri, Maharashtra 29-31Oct 2015.DOI: [10.1109/ICATCCT.2015.7456932](https://doi.org/10.1109/ICATCCT.2015.7456932).
46. Nikita Patil, Dhananjay Kalbande, “Demonstrating Protein Analysis for cancer Disease using Approximation Algorithms” presented ,3rd International conference on Electronics and communication system,ICECS.25-26 Feb.2016. Karpagam College of Engineering,Coimbatore,India.
47. Mrs. Aarti M. Karande, Dr. D.R. Kalbande ,Solving enterprise solution complexity in SCM domain through Business process agility at 7th IEEE international advances computing conference hosted by Vallurupalli Nageswara rao Vignana jyothi Institute of Engineering and Technology Hyderabad on 5th – 7th Jan 2017
48. Mrs. Aarti M. Karande, Dr. D.R. Kalbande Soft Computing Approach for Measuring Business Process Agility in an Agile Environment International Journal of Computer Applications (0975 – 8887).

,Research Grants Received:

<p>1.Research Grant from National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science & Technology (DST), Govt. of India, New Delhi for the project titled ZIUS.</p>
<p>2.Worked as Principal Investigator @ University of Mumbai Minor-Research Grant for the year 2010-2011 for the project titled STACsys: SMS based Taxi and Auto Rickshaw Complaint System.</p>
<p>3.Worked as a co-investigator @ University of Mumbai Minor-Research Grant for the year 2011-2012 for the project titled BMX : Bluetooth Mouse controller for LCD projector and desktop PC.</p>
<p>4.Worked as Principal Investigator @University of Mumbai Minor-Research Grant for the year 2013-2014 for the project titled Android application for Signed Language translation.</p>

Research Grant Applied To: (Year 2012-13)

1. Minor Grant Research Proposal to UGC (Received Sanction Letter Dt. 03rd May 2013 and it is in process.

Professional Affiliation:

- Recognized PG Teacher & Ph.D. Guide of Mumbai University in Computer Engineering and IT.
- Recognized PG Teacher of Mumbai University in Electronics & Telecomm. Engineering.
- Recognized Ph.D Guide of Nagpur University in Computer Science & Technology.

M.E.Guidance:

Guided : 10 Guiding:01

Ph.D Guidance:

Guided : 01 Guiding: 06

Currently guiding 3 Research scholars for Ph.D in Computer Engineering and 2 Research scholars for Ph.D in Information Technology of Mumbai University and 1 Research scholar for Ph.D in Information Technology from Nagpur University.

Post-PhD Work:

1. Currently doing Clinical Trial of the Post-doctoral research in **Skin Image Analysis and Recognizing skin diseases at the early stage** at Seth G.S.Medical College and KEM Hospital ,Parel Mumbai under the guidance of Dr. Uday Khopkar, Professor and Head,Dept.of Skin and VD,KEM Hospital.

Results of the Investigation are approved from Institutional Ethics Committee(IEC Committee) ,Seth G.S.Medical College & KEM Hospital.

Status : Completed.

2. Research work Title :**Skin Image Analysis Software for diagnosis of chronic pruritic Skin Diseases at early stage.**

Principal Investigator and Guide: Dr.Uday Khopkar,Professor & Head, Dept.of Dermatology,Seth G.S.Medical College and KEM Hospital.

Co-Investigators : Dr.Dhananjay Kalbande,Dr. Akansha Chadha,Dr. Bhushan Darkase, Dr. Naziya M , Junior Resident, Seth G.S.Medical College & KEM Hospital.

Protocol is submitted to Institutional Ethics Committee(IEC Committee) ,Seth G.S.Medical College & KEM Hospital.

Status : In Process.

3. **MIS Application for Skin and VD Department, KEM Hospital, Parel, Mumbai.**

Status : Completed.

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Certification done: Good Clinical Practices from NIDA Clinical Trials Networks (CTN Expiration Date: 22 May 2018).

Patent Filed: 04

1. Filed a patent for Invention Protocol “Skin Image Analysis Software for Skin Diseases” dated 24/02/2016 Time: 17:02:14, Docket No.4737.Application No.:201621006433
2. Filed a patent for Invention Project “AUTO-WALAS: An App for Vehicle Management” dated 21/03/2016 Time: 16:03:00, Docket No. 7129, Application No.: 201621009763.
3. Filed a patent for Invention: : Theoretical Concept Of "Business Process Framework In An Enterprise Architecture As Per The Architectural Level" dated 13/05/16 Application No. 201621011091 A.
4. Filed a joint patent with T.I.S.S.,Mumbai for a Post-Doctorate work for the Invention “ Mobile App for Prasutitikakaran and Tikakaran” dated 26/08/16 Application No.201621026972 A.