

Name	Dr. Bankim Patel
Qualification	Ph. D.
Area of Interest	Natural Language Processing, Intelligent Information Systems
Teaching Experience	27 years
Research	24 years
Current Position	Director, Shrimad Rajchandra Institute of Management and Computer Application, Maliba Campus, Uka Tarsadia University.
Subjects Teaching	Information Systems, Software Engineering, Operating Systems
No. of Papers Published	
International Journals / Proceedings	25
National Journals / Proceedings	37
Seminar proceedings	8
No. of Papers Presented at	
Conferences	4
No. of Articles	2
Research Guidance	
Completed Ph. D.	11
Working for Ph. D.	5
M. Phil.	2
No. of Books published - 03	
List of Published Papers	
1. Recognition of Offline Handwritten Gujarati using Structural Features, National Journal of System and Information Technology, Vol. 9, No. 1, pp. 17-24, June 2016, by Jitendra Nasriwala and Bankim Patel.	
2. A critical study of challenges in educational opinion mining of text written in Gujarati language, National Journal of System and Information Technology, Vol. 9 No. 1, pp. 25-34, June 2016, by Himadri Patel and Bankim Patel.	
3. A System for the Conversion of Digital Gujarati Text into Speech for Visually Impaired People, Springer- CSI Convention 2015, December-2015 by Nikisha Jariwala and Bankim Patel.	
4. Shape, size and maturity features extraction with fuzzy classifier for non-destructive mango (<i>Mangifera Indica L.</i> , cv. Kesar) grading. In Technological Innovation in ICT for Agriculture and Rural Development (TIAR), 2015 IEEE (pp. 1-7). IEEE, by Sapan Naik, Bankim Patel and R. Pandey.	

5. Applying supervised learning techniques for constructing predictive models, Indian Journal of Science and Technology, Vol. 8, Issue-27, June-2015 by Nirali Honest, Bankim Patel and Atul Patel
6. A Study of User Navigation Patterns for Web Usage Mining in the International Journal of Advent Research in Computer and Electronics (IJARCE), Vol. 2, No. 1, January 2015, E-ISSN: 2348-5523 by Nirali Honest, Bankim Patel and Atul Patel
7. Conversion of Gujarati Text into Braille: A Review, International Journal of Innovations & Advancement in Computer Science, Vol-4, Issue-1, pp. 59-64, January-2015, ISSN No. 2347-8616 by Nikisha Jariwala and Bankim Patel.
8. Transliteration of Digital Gujarati Text into Printable Braille, IEEE Explore- Proceedings of 5th IEEE International Conference on Communication System and Network Technologies, pp. 572-577, April-2015, ISBN No. 978-0-7695-5504-1 DOI: 10.1109/ CSNT.2015.82 by Nikisha Jariwala and Bankim Patel.
9. Segmentation of Handwritten Gujarati Text Document, Proc. Of First National Conference on Digital Image and Signal Processing (NCDISP 2015), PP 24-28, ISBN: 987-93-84916-62-6, Published by Department of Computer Science & Electronics Sciences, MAEER's Arts, Commerce and Science College, Pune by Jitendra Nasriwala, Bankim Patel.
10. Gujarati Phonetics and Levenshtein based String Similarity Measure for Gujarati Language, In Proc. of 5th National Conference on Indian Language Computing, pp. 41-44, ISBN: 978-93-80095-61-5, Jan 2015 by Jikitsha Sheth and Bankim Patel.
11. A Novel Approach for Gujarati Handwritten Text Lines and Words Segmentation, National Journal of System and Information Technology, Vol. 7 No. 1, PP 51-60 June 2014, ISSN: 0974-3308 by Jitendra Nasriwala, Bankim Patel.
12. CIE Lab based color feature extraction for maturity level grading of Mango (Mangifera Indica L.), National Journal of System and Information Technology, Vol. 7 No. 1, June 2014, ISSN: 0974-3308 by Sapan Naik, Bankim Patel
13. Multi Oriented Gujarati Characters Recognition, International Journal of Research in Computer Science and Information Technology, Vol-2, Issue-2(A), pp. 1-5, March-2014, ISSN No.2319-5010 by Nikisha Jariwala and Bankim Patel.
14. Gujarati Text to Speech Conversion: A Review, International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences, Special Issue (Conference), pp. 21-25, December-2014, ISSN No. 0974-3588 by Nikisha Jariwala and Bankim Patel
15. Dhiya: A stemmer for morphological level analysis of Gujarati language, Proc. of International conference on Issues and Challenges in Intelligent Computing Techniques (ICICT) published in IEEE Xplore, pp.151-154, 10.1109/ICICT.2014.6781269, Feb 2014 by Jikitsha Sheth and Bankim Patel.
16. Web Mining: Opinion and Feedback Analysis for Educational Institutions, International Journal of Computer Applications (0975 - 8887) Volume 84 - No 6, December 2013 by Jai Prakash Verma and Bankim Patel.

17. Usage of Image Processing and Machine Learning techniques in Agriculture-Fruit Sorting, CSI Communications, Vol. 37, Issue-7, pp. 24-26, Oct-2013, ISSN No. 0970-647X by Sapan Naik and Bankim Patel
18. Sessionization process for the pages designed with the concepts of CMS, International Journal of Advanced Research in Computer Science and Software Engineering, Vol-3, Issue-9, pp. 362-368, Sept-2013, ISSN No. 2277 128X by Nirali Honest, Atul Patel and Bankim Patel
19. Preprocessing phase for University Website Access Domain, International Journal of Scientific and Engineering Research, Vol-4, Issue-6,pp. 3071-3075, June-2013, ISSN No. 2229-5518 by Nirali Honesh, Bankim Patel and Atul Patel
20. Stemming techniques and naïve approach for Gujarati Stemmer, Proc. Of ICRTITICS - 2012 17-18th Dec 2012, Thakur College of Science and Commerce, Mumbai published in International Journal of Computer Application (IJCA) ISBN 978-81-922978-2-8, by Jikitsha Sheth and Bankim Patel
21. Challenges of Automated Evaluation of Supply Type Questions and Usage of Similarity Measure to overcome those challenges, International Journal of Computational Intelligence & Communication Technology, Vol. 1, Issue 1, PP 96-102, Jan-June 2012, ISSN No. 2278-6732 by Jikitsha Sheth and Bankim Patel
22. ETL techniques and Challenges in Agriculture Intelligence, Proceeding of Agriculture Informatics and Precision Agriculture 2012, PP 85-91, ISBN 978-81-8424-772-5, published by Allied Publishers Pvt. Ltd., 1-3rd August 2012 at IIIT, Hyderabad by Tejas Ghadiylai, Kaplesh Lad, Bankim Patel
23. Applying Web Usage Mining to a University Website Access Domain, International Journal of Applied Information Systems, Vol. 2, No. 9, PP 7-14, June 2012, ISSN No.: 2249-0868 by Nirali Honest, Bankim Patel and Atul Patel
24. Conceptual Framework for Soft Computing based Intrusion Detection to reduce False Positive Rate, International Journal of Computer Applications (IJCA), April 2012 by Dharmendra Bhatti, P. V. Virparia and Bankim Patel
25. Offline Preprocessing Operations for Recognition of Handwritten Characters in Gujarati Language, International Journal of Computer Applications in Engineering, Technology and Sciences, Vol. 4, Issue 1, PP 102-106, Oct 2011 - March 2012, ISSN 0974-3596 by Manish Kayasth and Bankim Patel
26. Challeges in Genetic Algorithm based Intrusion Detection, National Journal of System and Information Technology, Vol. 4, No. 1, PP 109-116, ISSN No.: 0974-3308 by Dharmendra Bhatti, P. V. Virparia and Bankim Patel
27. Improper Internet Usage: Controlling through Policy Model and Identifying through Data Mining published in National Journal Of Computer Science And Technology, Vol-2, Issue-1, PP 16-21, ISSN: 0975 - 2463 by Ms. Jikitsha Sheth, Dr. Bankim Patel and Dharmendra Bhatti
28. Agriculture Intelligence: An emerging technology for farmer community, Proceeding of 2nd International Conference on Emerging Applications of IT, PP 313-316, 19-20 Feb 2011, ISBN 978-0-7695-4329-1 by Tejes Ghadiyali, Kalpesh Lad and Bankim Patel

29. You Are Watching System(YAW System): An agent based secure real-time monitoring, capturing and analysis system for client activities on the expert agent's screen, ACM Proceeding of International Conference on Communication, Computing and Security (ICCCS 11), ISSN No.: 978-1-4503-0464-1, 12-14 Feb 2011 by Lal Bihari Barik, Ankita Barik and Bankim Patel
30. University Information System: Storage, Retrieval and its service components, Proceeding of National Conference on Technology Driven Society, PP 65-69, ISBN: 978-93-81248-00-3, 11-12 Feb 2011 by Jikitsha Sheth and Bankim Patel
31. Biological Data Integration using data warehousing approach, Proceeding of National Conference on Technology Driven Society, PP 164-169, ISBN: 978-93-81248-00-3, 11-12 Feb 2011 by Ateet Mehta, Jitendra Nasriwala and Bankim Patel
32. Agriculture Intelligence system Development issues, Proceeding of National Conference on Technology Driven Society, PP 275-281, ISBN: 978-93-81248-00-3, 11-12 Feb 2011 by Tejas Ghadiyali, Kalpesh Lad and Bankim Patel
33. Standardizing Biological Data Structures for improved Data semantics, synchronization and Exchange, Proceeding of National Conference on Technology Driven Society, PP 196-204, 11-12 Feb 2011, ISBN by Ateet Mehta, Jitenra Nasriwala and Bankim Patel
34. HKDA - Design Pattern System Architecture published in Proceeding of 2nd International Conference on Computer and Communication Technology (ICCCT-2011), IEEE by Dr. Labihari Barik, Dr. Bankim Patel, Mr. Omprakash Chandrakar and Ankita Barik
35. Implementation of Biological Sequence Analysis and Data Management Operations using Database Cartridge, International Journal of Computer Science and Communication, Vol. 1, Issue 2, PP 379-381, July-December 2010, ISSN 0973-7391 by Ateet Mehta and Bankim
36. Best Practices for adaption of Data Mining techniques in Education Sector, National Journal of System and Information Technology, Vol. 3, No. 2, PP 186-192, Dec 2010, ISSN 0974-3308 by Jikitsha Sheth and Bankim Patel
37. An extended framework to Database Management System for Biological data, International Journal of Computer Science and Applications, Issue 1, PP 157-161, 2010, ISSN 0974-0767 by Ateet Mehta and Bankim Patel
38. Algorithm for synchronizing data among Biological Databases, International Journal of Information Technology and Knowledge Management, Vol. 2, No. 2, PP 443-445, July-December 2010, ISSN 0973-4414 by Ateet Mehta and Bankim Patel
39. DNA Compression Using Hash based Data Structure, International Journal of Information Technology and Knowledge Management, Vol. 2, No. 2, PP 383-386, July-December 2010, ISSN 0973-4414 by Ateet Mehta and Bankim Patel
40. Biological Data Integration using Virtual Database, National Journal of System and Information Technology, Vol. 3, No. 1, PP 89-95, June-2010, ISSN: 0974-3308 by Ateet Mehta, Kalpesh Lad and Bankim Patel
41. Implementation of Integrated Development Environment and Compiler for GPL, National Journal of System and Information Technology, Vol. 2, No. 2, December 2009, ISSN 0974-3308 by Kalpesh Lad and Bankim Patel
42. Integrated Intelligent Gujarati Programming Environment (IIGPE), Proceedings of National Conference on Emerging Trends / Technologies for Knowledge Delivery and Management (ETKDM-09), Vasad, December 26-27, 2009 by Kaplesh Lad, Bankim Patelm and Priti Prajapati
43. Expert System for Crop Management in Agriculture, Proceedings of National Conference on Emerging Trends/ Technologies for Knowledge Delivery and Management(ETKDM-09), Vasad, December 26-27, 2009, by Kalpesh Lad, Bankim Patel and Vinay Patel

44. Formal language Specification of GPL - A Programming Language in Gujarati, International Journal of Computer Applications in Engineering, Technology and Sciences, Vol. 2, No. 2, PP 528-531, Oct 2009, ISSN 0974-3596 by Kalpesh lad and Bankim Patel
45. Offline Typed Gujarati Character Recognition, National Journal of System and Information Technology, Vol. 2, No. 1, PP 73-82, June 2009, ISSN 0974-3308 by Manish Kayasth and Bankim Patel
46. Human Knowledge Discovery Agent : An Intelligent System for On-line Evaluation and Conflict Resolutions of Grading Point, CSI Adhyayan, Oct-Dec 2008 by Lal Bihari Barik and Bankim Patel
47. New paradigm of Programming Language in native language, Proceedings of National Conference IDBIT-2008, ISBN 81-906446-0-2, SRIMCA, Gopal Vidyanagar, 23-24 Feb 2008 By Kalpesh Lad and Bankim Patel
48. A preliminary Analysis on issues and challenges for the handwritten text recognition of Gujarati Language, Proceeding of the National Conference IDBIT-2008, ISBN 81-906446-0-2 SRIMCA, 23-24 Feb 2008 By Manish Kayasth and Bankim Patel
49. Online Text-Commentary Generation Using Audio-Video based on HMM, Proceeding of NCIIRP 2006, SRIMCA, 29-30 April 2006 by Jitendra Nasriwala, Bankim Patel
50. Vulnerability in Machine Learning based Intrusion Detection Technique, Proceeding of the National Conference NCIIRP2006, SRIMCA, Page 30, 29-30 April 2006 By Dharmendra Bhatti and Bankim Patel
51. Study of various Character recognition algorithms, Proceeding of NCIIRP 2006, SRIMCA, 29-30 April 2006 by Manish Kayasth and Patel Bankim
52. Real-time broadcasting of windows desktop- Issues and solutions, Proceeding of 92nd Indian Science Congress, Jan-2005. Best research paper award by Chintan Naik and Bankim Patel
53. IT Solutions for Rural India - Rajiv Internet Village, Proceedings of National Conference on Reliable and Secured Networking Solutions, REASONS- 2005 By T. Lakshmi and Bankim Patel
54. Efficient Data Structure & Retrieval methods for optimal performance in database systems, Proceedings of National Conference on Emerging Technologies & Applications ETA - 2005, Rajkot, 1-2 October 2005 By Ateet Mehta and Bankim Patel
55. DBMS for efficient Management of Biological Data, Proceedings of National Conference, Lucknow 14-15 May - 2005, By Ateet Mehta, Bankim Patel, Om Prakash
56. Cost Effective Approach to improve the Quality of Data Warehouse, Proceedings of National Seminar on Innovations in Information Systems for Rural development, Feb. - 2003 by Buch Sanjay and Patel B. C.
57. Design of IVR using PC peripherals & external circuit and its implementation, Pragna - Journal of Science, Vol. X, 2002 by Burade N.S. & Patel B.C.
58. A Software tool for visually impaired persons, Proceedings of National Seminar on Computer Applications building Data Warehouses”, March - 2001 by Burade N. S. And Patel B.C.
59. Information Quality and its importance in building Data Warehouses, Proceedings of National Seminar on Computer Applications, March - 2001 by Buch Sanjay And Patel B.C.
60. Development of Model for the Land organization Problem, International Journal of Management & Systems, Vol. - 16, No. 02 PP. 219-228, May-Aug. - 2000 by Patel B.C. and Kalthia N.L.

61. E-education, Proceedings of Western Regional Seminar on Internet for Higher Education, March - 1999 by Patel B.C. & Patel S.V.
62. Decision Making System for forecasting the Balance Sheet, Proceedings of National Seminar on Knowledge Based Systems, 1998 by Patel B.C. and Morena R.D.
63. An algorithm for STEM and its testing path through Cyclomatic metric, International Journal of Management & Systems, Vol. 13, No. 2, PP 157-166, May -Aug. - 1997 by Patel B.C.
64. Complexity measurement of STEM algorithm through Cyclomatic metric, Proceedings of National Seminar on Software Engineering, June - 1997 by Patel B.C.
65. IT for the organization: Premises, role in development & problems - Indian Scenario, Indian Journal of marketing, Vol. - XXVI, No. - 1, PP. - 814, January by Patel B.C.
66. Impact of IT on Education - A case study, Proceedings of National Conference on IT for 21st century, 1996 by Patel B.C.
67. A decision making system for the organization of land - A multi-objective criteria approach for the farmer, Proceedings of National Seminar on IT & Rural prosperity, PP. 95-99, February - 1996 by Patel B.C.
68. Adding Security to UNIX system through "cat" Command, Proceedings of 30th CSI annual convention, November - 1995 by Patel B.C.
69. MIS for curriculum development, Proceedings of Modern Management, Vol. - XII, No. - 1, PP. 6-8, Feb-April - 1995 by Patel B.C. and Patel S.V.
70. Application for MOLP in Land Organization, Proceedings of National Seminar on Mathematics, 1995 by Patel B.C., Kalthia N.L. et al.
List of Presented Papers:
1. Research Paper entitled Gujarati Text to Speech Conversion: A Review in International Conference on Information, Knowledge & Research in Engineering, Management & Sciences on 7th December, 2014 at Kalol, Gujarat. Research Paper entitled Gujarati Text to Speech Conversion: A Review in International Conference on Information, Knowledge & Research in Engineering, Management & Sciences on 7th December, 2014 at Kalol, Gujarat.
2. Research Paper entitled Multi-Oriented Gujarati Characters Recognition: A Review in 3rd National Conference on Computer Science, Information Technology and Management on 6-7th March, 2014 at Pandharpur.
3. Stemmer for morphological level analysis of Gujarati language in Work in Computing Conference, ACM-Pune, Apr-2013 by Sheth J.R. and Patel B.C.
4. Stemming techniques and naïve approach for Gujarati Stemmer at the International Conference on Recent Trends in Information Technology and Computer Science (ICRTITCS-2012), 17-18th Dec 2012, Thakur College of Science and Commerce, Mumbai by Sheth J.R. and Patel B.C. Received Best research paper award.
5. Management Challenges for Effective E-Governance in Rural & Urban area - Gujarat perspective, Presented at UGC sponsored seminar on "Citizen and E-Governance" conducted by Department of Public Administrator, S.G. University during 14-15 Nov., 2003 by Patel B.C.

List of Published Articles

1. AWK - A Programming Language & Pattern Scanning, CSI Communication, Vol. -18, No.-10, PP. 4-9, April - 1995 by Patel B.C.
2. YACC - Yet Another Compiler-Compiler, CSI Communication, Vol. -18, No.-1, PP. 14-17, July - 1994 by Patel B.C.

List of Published Books

1. Introduction to Web Technology & Internet, Acme Learning Private Limited. New Delhi-2, 2009 by Dr. Bankim Patel, Lal Bihari Barik, ISBN: 978-81-907104-3-5
2. Fundamentals of Computers and Programming, Bension Education, 2003 by Jinwala D. C. and Patel Bankim, ISBN: 81-88894-00-1
3. Programming through FORTRAN-77, BPB Publication, 1998 by Patel B. C. and Kalthia N.L., ISBN: 81-7029-966-7

List of Sponsored Projects

1. Project entitled "Creation of Translation Tool for Conversion From Gujarati Text Into Printable Braille" received a grant from GUJCOST, March 2015.
2. Faculty Development Programme "Digital Image Processing" received a grant from ISTE, February 2015.
3. Seminar entitled "Knowledge Management" received grant from AICTE, June 2013

List of Consultancy Projects

1. Leded the project development entitled "Inventory System for IP Device" for Mohandiss Computers, Dubai.
2. Leded the project development "Bardoli NagarPalika Website" for Nagar Palika of Bardoli.

List of Ph. D. being Supervised:

Name	Thesis Topic
Sanjay Buch	Creation of META data Model by Setting Quality Standards in Operational systems for optimum Usage of Data Warehouse
Naren Burade	Software tolls using PC H/W, Peripherals and system resources
Priyanka Sharma	Knowledge based decision support System for water pollution Identification and controlling
Chintan R. Naik	Applications of Network in remote Controlling PC, other network enabled Devices and advanced Communications
Ketan A. Patel	Email Archiving, Disaster Recovery, Business continuity and ARM Library Translation Tool

T. Lakshmi	Contributions to computing paradigms
Kalpesh Lad	A Model for Integrated Multilingual Programming Environment - An Approach Using Gujarati Programming Language, 2010
Lal Bihari Barik	Standardization of Intelligent Tutoring System for Adaptive Information Retrieval and Knowledge Discovery by Monitoring Human Interaction, 2011
Ateet Mehta	Standardizing Data Structures for efficient Processing, Faster Retrieval and Effective Management of Biological Data, 2011.
Manish Kayasth	Recognition and Transforming of a Gujarati Text Paper document into Electronic Form.
Jikitsha Sheth	Designing and Development of Stemmer and String similarity measure for Gujarati language and their application in Text Summarization system, 2016

List of M. Phil. being Supervised :

Name	Dissertation Topic
Naren S. Burade	Some software tools using PC hardware and Peripherals
Nita Naik	Development of an OLAP tool to study health effects of Nuclear Radiation from Atomic Power Project

Honors and Awards

Year	Title	Awarding Body
2005	Real-time broadcasting of windows desktop-Issues and solutions - Best Research Paper Award	Indian Science Congress
June, 2005	Vikas Rattan Award	India International Friendship Society
December, 2005	Jewel of India Award	Indian Solidarity Council
February, 2006	Eminent Citizen of India Award	International Institute of Education and Management
2006	WHO's WHO Professionals 2006-07	International WHO's WHO of Professionals
March, 2006	Indira Gandhi Excellence Award	International Business Council
2008-09	Significant Contribution Award	Computer Society of India

2009-10	Program Member in recognition of commitment to student success through excellence in IT education	Microsoft IT Academy
2011-12	Program Member in recognition of commitment to student success through excellence in IT education	Microsoft IT Academy

Extension Activities

- Member of Development of curriculum at undergraduate level in the State of Gujarat.
- Reviewer of Computing Reviews, International Journal of Management and Systems.
- Editor of National Journal System and Information Technology - Bi-annual Journal.
- Editor of Proceeding of National Conference on Intelligent Information Retrieval and Processing - NCIRP-2006.
- Editor of Proceeding of National Conference on Innovative Dimensions of Business and IT - IDBIT-2008. ISBN No. 81-906446-0-2.
- Editor of Proceeding of National Conference on Technology Driven Society - NCTDS-2011. ISBN No. 978-93-81248-0-3.
- Editor of Proceeding of Seminar on Information Security - IS2009.
- Member of Advisory Board of Monad University.
- Adjunct Professor of Monad University.
- Member of Advisory Editorial Board of International Journal of Information and Computing Technology - ISSN: 0976-5999
- Member of Board of Studies in Computer Science, and Bio-Informatics, V. N. S.G. University
- Member of Faculty of Science of Veer Narmad South Gujarat University.
- Senate Member of Veer Narmad South Gujarat University.
- Member of Examiner Appointment Committee of Veer Narmad South Gujarat University.
- Member of Selection Committee of various universities/institutes/organizations.
- Chairman / Member of several local inquiry committees.
- Life membership of
 - Computer Society of India
 - CSRI
 - Indian Science Congress
 - Gujarat Ganit Mandal
 - Bio-informatics Institute of India
- Organized three national conferences, several seminars and workshops successfully.
- Founder Counsellor of CSI Student Branch Bardoli and Counsellor of CSI Student Branch SURAT.
- Key contributor in starting MCA, BCA, B.Sc. (Computer Science), M.Sc.(IT) programmes at different places.
- Reviewer of manuscript of books of publishing house.
- Prepared course material of Business Mathematics for Monad University.

- Delivered several talks at colleges, universities, conferences.
- Worked as a Session chair during conference.
- Program Experts at National Conference on Emerging trends / technologies for knowledge delivery and management to be held during Dec 26-27, 2009 at SVIT, Vasad
- Member of IT Cell, Higher Education Commission, Government of Gujarat, Gandhinagar.
- Organizing Committee member of XXIII Gujarat Science Congress held on 15th Feb 2009 at Veer Narmad South Gujarat University, Surat.
- Program Committee member of 2nd International Conference on Emerging Applications of Information Technology - EAIT 2010 during 19-20 February, 2011 organized by CSI, Kolkata Chapter.
- National advisory Committee member of National Conference on Emerging Trends in Computer Science and its Applications (NCETCSA-2012) during Jan 2012 organized by Arts, Science and Commerce college, Chopda, Jalgaon, Maharashtra.
- Session Chairman during National conference on Advanced Trends in Applied Science and Technology organized by Shree Ramkrishna Institute of Computer Education and Applied Sciences, Surat during 27th - 28th Feb, 2012.
- Session Chairman during National Seminar on Natural Language Processing and Data Mining organized by Department of Computer Science, V N S G University, Surat during 3rd- 4th March 2012.
- Programme Committee member of 3rd International Conference on Emerging Applications of Information Technology (EAIT - 2012) Nov.29th - Dec. 1st - 2012 organized by CSI, Kolkata Chapter.
- Member of Board of Management, Member of Academic Council and Dear, Faculty of Computer Science & Technology, U T University from 2012.
- Delivered Invited talk on “NLP - Issues and Challenges” and Chair Session at International conference on Recent Trends of Computer Technology in Academia - ICRTCTA-2012” held at JRN Rajasthan Vidyapeeth (D) University, Udaipur during April 21-23, 2012.
- Editorial Board member of International Journal of Computer Science & Systems (2012), ISSN No. 2249-8222.
- Reviewer of International journal - Neural Computing and Applications.
- Member of Editorial Board and Reviewer of Software Engineering Journal, Scientific and Academic Publishing. From June 17, 2012 for 2 years. Journal web site: <http://journal.sapub.org/SE>
- Reviewer of American Journal of Geographic Information System, Scientific and Academic Publishing. From June 17, 2012 for 2 years. Journal web site: <http://journal.sapub.org/AJGIS>, Reviewer's web site: <http://www.sapub.org/journal/reviewers.aspx?JournalID=1053>
- Reviewer of American Journal of Intelligent Systems, Scientific and Academic Publishing. From June 17, 2012 for 2 years. Journal web site: <http://journal.sapub.org/AJIS>, Reviewer's web site: <http://www.sapub.org/journal/reviewers.aspx?JournalID=1060>

- Reviewer of International Journal of Web Engineering, Scientific and Academic Publishing. From June 17, 2012 for 2 years. Journal web site: <http://journal.sapub.org/WEB>, Reviewer's web site: <http://www.sapub.org/journal/reviewers.aspx?JournalID=1095>
- Member of Editorial Board of International Journal of Computer Science & Systems (IJCSS) - ISSN - 2249-8222.
- Member of Editorial Board of International Journal of Computational Intelligence & Communication Technology - ISSN - 2278-6732.
- Technical Session Committee Chair - 3rd IEEE International Conference on Computational Intelligence and Communication Technology, 11-12th Feb. 2017, ABES Engg. College, Ghaziabad.