

Shrimad Rajchandra Institute of Management & Computer Application

Name	Dr. Kalpesh Lad		
Qualification	M.C.A., Ph.D		
Area of Interest	Compiler Construction, Image Processing, Data Mining		
Industry Experience	6 Months		
Teaching Experience	15 Years		
Research Experience	5 Years		
Subjects Teaching	Fundamental of Programming, Object Oriented Programming, System Software, Open Source Web Based Programming, Open Source Technology, Digital Image Processing		
Research Papers			
Presented	14		
Published	36		
Research Guidance			
Completed Ph.D.	2		
Ph.D. Thesis Submitted	2		
Working for Ph.D.	3		
Conferences/ Seminar/ Workshop/ Training attended			
Title	Organization	Place	Date
I am a Teacher	Uka Tarsadia University	Uka Tarsadia University	02/05/2017 To 02/05/2017
International Conference on Research and Innovations in Science, Engineering & Technology (ICRISET-2017)	Birla Vishvakarma Mahavidyalaya Engineering College	Birla Vishvakarma Mahavidyalaya Engineering College, Vidya Nagar	17/02/2017 To 19/02/2017
Quest for Excellence in Teaching, Learning and Evaluation	Charotar University of Science and Technology, Changa	Charotar University of Science and Technology, Changa	22/02/2017 To 23/02/2017
Natural Language Processing and Text Analysis	SRIMCA, UTU	Uka Tarsadia University	25/02/2017 To 26/02/2017
IBM BlueMix	SRIMCA	SRIMCA	15/02/2016 To 15/02/2016
National Conference-Computer Engineering, Information & Communication Technology (NCCICT)-2016	Government Engineering College-Gandhinagar	Government Engineering College-Gandhinagar	15/09/2016 To 17/09/2016

Shrimad Rajchandra Institute of Management & Computer Application

Let us say thanks to our parents	Uka Tarsadia University	Uka Tarsadia University	19/03/2016 To 19/03/2016
Excellence in Education	Uka Tarsadia University	Uka Tarsadia University	21/02/2016 To 21/02/2016
Gujarat Education Conference 2016 - Excellence in Education	Uka Tarsadia University	Uka Tarsadia University	21/02/2016 To 21/02/2016
International Conference on Innovation and Emerging Trends in Business Management and Information Technology	Jiwaji University, Gwalior	Jiwaji University, Gwalior	25/09/2016 To 27/09/2016
Shiksha Me Bhartiayata	Uka Tarsadia University	Uka Tarsadia University	29/02/2016 To 29/02/2016
Conservation of Natural Resource and Environment	BKM Science college, Valsad	Valsad	10/09/2015 To 10/09/2015
Use of Computer Internet in Sociologically & Educationally Analysis	UGC Sponsored, Shri J.M. Panera Arts, Commerce and Computer Science college, Manavadar	Shri J.M. Panera Arts, Commerce and Computer Science college, Manavadar	19/07/2014 To 20/07/2014
Paradigm Shift in Commerce, Engineering, Technology and Social Science	K. J. Somiya College of Arts, Commerce and Science, Kopargaon, Maharashtra	K. J. Somiya College of Arts, Commerce and Science, Kopargaon, Maharashtra	30/09/2014 To 30/09/2014
Computer Science & Security (COCSS 2013)	Sardar Vallabhbhai Patel Institute of Technology, Vasad	VASAD	05/04/2013 To 06/04/2013
Linux	Uka Tarsadia university	SRIMCA and IIT Bombay	02/05/2012 To 02/05/2012
PHP and MySQL	Uka Tarsadia University	SRIMCA and IIT Bombay	06/05/2012 To 06/05/2012
"LaTex"	Uka Tarsadia University	SRIMCA and IIT Bombay	09/05/2012 To 09/05/2012

Shrimad Rajchandra Institute of Management & Computer Application

Object Oriented Analysis and Design using UML with Essential of Rational Software Architect	IBM Software Group	SRIMCA, UTU	21/03/2012 To 24/03/2012
Adv. PHP and Framework	Christ College, Rajkot	Christ College, Rajkot	14/05/2010 To 14/05/2010
Innovations in Education"	Uka Tarsadia University	Bardoli Pradesh Kelavani Mandal, Bardoli	25/09/2010 To 26/09/2010
Information Security	SRIMCA, Maliba Campus	SRIMCA	27/09/2010 To 27/09/2010
Current Trend in ICT	Department of Computer Science, Sardar Patel University	Vallabh Vidyanagar	14/02/2009 To 14/02/2009
Gujarat Science Congress	VNSGU, Surat	Gujarat Science Academy	15/02/2009 To 15/02/2009
Gujarat Science Congress	VNSGU and Gujarat Science Academy	Surat	15/02/2009 To 15/02/2009
Gujarat Science Congress	VNSGU and Gujarat Science Academy	Surat	15/02/2009 To 15/02/2009
Emerging Trends/ Technologies for Knowledge Delivery & Management	Sardar Vallabhbhai Patel Institute of Technology (SVIT) Vasad	VASAD	26/12/2009 To 27/12/2009
Innovative Teaching Methodology	SRIMCA, Maliba Campus	SRIMCA	11/06/2008 To 15/06/2008
Formal languages and Model Based Computing	ISTE and RMD Engg. College	RMD Engg. College, Kavarai Pettai, Tamil Nadu	18/06/2008 To 22/06/2008
IBM TSM Express-TIVOLI	IBM and SRIMCA	SRIMCA	31/08/2007 To 02/09/2007
Emerging Technologies & application (ETA-2006)	Comp. Sci. Department of Saurashtra University, Rajkot	Comp. Sci. Department of Saurashtra University,	01/10/2006 To 02/10/2006

Shrimad Rajchandra Institute of Management & Computer Application

		Rajkot	
Web Sphere, DB2 & Eclipse Technologies	SRIMCA & IBM	SRIMCA	04/12/2006 To 06/12/2006
AI & Soft Computing	A.D. Patel Inst. Of Technology, Vidhya Nagar	A.D. Patel Inst. Of Technology, Vidhya Nagar	24/09/2006 To 24/09/2006
National Conference on Intelligent Information Retrieval and Processing	SRIMCA and CSI Surat Chapter	SRIMCA	29/04/2006 To 30/04/2006
Intelligent Information Retrival and Processing	SRIMCA and CSI Surat Chapte	SRIMCA	29/04/2006 To 30/04/2006
Quality Professional Education	SRIMCA	SRIMCA	01/04/2005 To 01/04/2005
Advanced Network Management	SRIMCA	SRIMCA	17/10/2005 To 17/10/2005

Paper Presented

Year	Title	Reference
Feb-2017	Human Recognition From Multi Angular Images	Rohan K. Naik, Kalpesh B. Lad, International Conference on Research and Innovations in Science, Engineering & Technology (ICRISET-2017) at Birla Vishvakarma Mahavidyalaya Engineering College, Vidya Nagar, Feb-2017
Sep-2016	Encompassing Data Quality in Agriculture Intelligence:the First Step towards an Emerging Trend	Tejas Ghadiyali, Kalpesh Lad, International Conference on Innovation and Emerging Trends in Business Management and Information Technology at Jiawaji University, Gwalior, Sep-2016
Sep-2016	Side View Face Recognition Based on Angled Specific Face Matching Subsequent to Preparing Straight Face	Rohan K. Naik, Kalpesh B. Lad, National Conference-Computer Engineering, Information & Communication Technology (NCCICT)-2016 at Government Engineering College-Gandhinagar, Sep-2016
Sep-2015	Contribution of Information and Communication Technology for Conservation of Natural Resources in Agriculture	Ghadiyali Tejaskumar, Dr. Kalpesh Lad, National Seminar on Conservation of Natural Resource and Environment at BKM Science college, Valsad, Sep-2015

Shrimad Rajchandra Institute of Management & Computer Application

	Sector	
Jul-2014	Inevitability of Agriculture Intellect in Agri-Business	Ghadiyali Tejaskumar, Dr. Kalpesh Lad, National Seminar on Use of Computer Internet in Sociologically & Educationally Analysis at Shri J.M. Panera Arts, Commerce and Computer Science college, Manavadar, Jul-2014
Apr-2013	Data Preprocessing: A Vital Technique in Agriculture Intelligence	Ghadiyali Tejaskumar, Dr. Kalpesh Lad, National Nonference on Computer Science & Security (COCSS 2013) at Sardar Vallabhbhai Patel Institute of Technology, Vasad, Apr-2013
Dec-2009	Integrated Intelligent Gujarati Programming Environment (IIGPE)	Kalpesh B Lad, Dr. Bankim Patel, Priti Prajapati, National Conference on Emerging Trends/ Technologies for Knowledge Delivery & Management at Sardar Vallabhbhai Patel Institute of Technology (SVIT), Vasad, Dec-2009
Dec-2009	Expert System For Crop Management in Agriculture	Kalpesh B Lad, Dr. Bankim Patel, Vinay Patel, National Conference on Emerging Trends/ Technologies for Knowledge Delivery & Management at Sardar Vallabhbhai Patel Institute of Technology (SVIT), Vasad, Dec-2009
Dec-2009	Fake Note Identification Techniques	Dr. Jayesh Dhodiya, Kalpesh Lad, Mukesh Patel, National Conference on Emerging Trends/ Technologies for Knowledge Delivery & Management at Sardar Vallabhbhai Patel Institute of Technology (SVIT), Vasad, Dec-2009
Feb-2009	Choice of Programming Language for Introducing Programming Concepts in Academic	Kalpesh Lad, Sundeep Kiklawala, Jitendra Nasriwala, National Seminar on Current Trend in ICT at Department of Computer Science, Sardar Patel University , Vallabh Vidyanagar, Feb-2009
Feb-2009	Mathematics and Information Communication Technology For Management	Jayesh Dhodiya, Kalpesh Lad, Jitendra Nasriwala, GSE-2009, Gujarat Science Congress at Veer Narmad South Gujarat University, Surat, Feb-2009

Shrimad Rajchandra Institute of Management & Computer Application

Feb-2009	ICT based Enquiry Services for State Transport	Jitendra Nasriwala, Kalpesh Lad, Priti Prajapati, GSE-2009, Gujarat Science Congress at Veer Narmad South Gujarat University, Surat, Feb-2009	
Apr-2006	Issues in Natural Programming Language design and environment	Kalpesh Lad, National Conference on Intelligent Information Retrival and Processing at Shrimad Rajchandra Inst. Of Management & Computer Application, Bardoli, Apr-2006	
Apr-2006	Online Text-Commentary Generation Using Audio-Video based on HMM	Jitendra Nasriwala, Kalpesh Lad, National Conference on Intelligent Information Retrival and Processing at Shrimad Rajchandra Inst. Of Management & Computer Application, Bardoli, Apr-2006	
Publications			
Year	Title	Reference	Publication Type
Nov - 2017	Terrain Mapping for South Gujarat: A GIS based solution for geo-community.	Tailor, J., & Lad. K. ,International Journal on Future Revolution in Computer Science & Communication Engineering., 2454 - 4248, Vol.3 Issue-11, In Press, Nov - 2017	Journal Paper
Oct - 2017	Measuring Spatial Correlation of Soil pH and Fe using Theoretical Variograms	Tailor, J., Lad, K., & Gulati, R. ,International Journal of Computer Science and Networks, 2277 - 5420, Vol.6 Issue-5, Page:(533-538), Oct - 2017	Journal Paper
Jun - 2017	Comprehensive Study on Gujarati Handwritten Character Recognition	Jitendra Upadhyay, Kalpesh Lad ,National Journal of System and Information Technology (NJSIT), 0974-3308, Vol.10 Issue-1, Page:(35-46), Jun - 2017	Journal Paper
Jun - 2016	Face Features Based Side View Face Recognition System	Rohan K. Naik, Dr. Kalpesh Lad ,National Journal of System and Information Technology (NJSIT), 0974-3308, Vol.9 Issue-1 Page:(30-37), Jun - 2016	Journal Paper
Mar - 2016	A Review on Side-View Face Recognition Methods	Rohan K. Naik, Kalpesh B. Lad ,International Journal of Innovative Research in Computer and Communication Engineering, 2320-9798, Vol.4 Issue-3 Page:(2984-2991), Mar - 2016	Journal Paper
Dec-2016	A Study of Security of DICOM Images while Exchange over Public	Ms. Chandrakala Chetri, Dr. Subhashchandra Desai and Dr. Kalpesh Lad ,National Journal of System and	Journal Paper

Shrimad Rajchandra Institute of Management & Computer Application

	Networks	Information Technology (NJSIT), 0974-3308, Vol.9 Issue-2, Page:(83-96), Dec-2016	
Dec - 2016	Agriculture Intelligence Performance Enhancement Through Implementation of Preprocessing Techniques	Tejas Ghadiyali, Kalpesh Lad ,International Journal of Engineering Research and Development (IJERD), 2278-067X, Vol.12 Issue-12, Page:(39-44), Dec - 2016	Journal Paper
Oct - 2016	A Review on Face Feature Extraction Technique For Face Recognition System	Rohan K. Naik, Kalpesh B. Lad ,International Journal of Science & Engineering Development Research, 2455-2631, Vol.1 Issue-9, Page:(57-66), Oct - 2016	Journal Paper
Aug - 2015	Sustainable Decision Support System for Crop Cultivation	Mr. Tejaskumar R. Ghadiyali, Kalpesh Lad ,International Journal of Agricultural Science and Technology, 2327-7246, Vol.3 Issue-2, Page:(36-45), Aug - 2015	Journal Paper
Jul - 2015	Role of Meteorological Parameters in Agriculture Intelligence	Tejas Ghadiyali, Dr. Kalpesh Lad, Dr. Manish Kayasth ,Proceedings for National Conference of Recent Trends in Information Technology, 978-81-928189-5-5, Page:(108-114), Jul - 2015	Conference Paper
Feb - 2015	Contribution of information and communication technology for conservation of natural resources in agriculture sector	Tejas Gadhyali, Kalpesh Lad ,Proccedding of National Seminar on Conservation of Natural Resources and Environment, 978-81-926225-3-8, Page:(66-71), Feb - 2015	Conference Paper
Feb - 2015	Face Recognition from Multi Angled Images	Rohan Naik, Kalpesh Lad ,International Journal of Engineering Research & Technology, 2278-0181, Vol.4 Issue-2, Page:(506-509), Feb - 2015	Journal Paper
Dec - 2015	Design and Development of the Agriculture Model: A way to connect farmer community to agriculture market for betterment of rural management	Tejas Gadhyali, Kalpesh Lad ,CSI Transaction Publication on ICT Springer, 7695-4329, Page:(1-2), Dec - 2015	Journal Paper
Sep - 2014	Feature Selection in Agriculture Intelligence	Tejas Ghadiyali , Dr. Kalpesh Lad ,International Journal of Business, Management and Social Sciences, 2249-7463, Vol.4 Issue-1, Page:(77-81), Sep - 2014	Journal Paper

Shrimad Rajchandra Institute of Management & Computer Application

Jul - 2014	Inevitability of Agriculture Intellect in Agri-Business	Tejas Ghadiyali, Dr. Kalpesh Lad ,International Multidisciplinary Journal for Applied Research, 2321-7073, Vol.1 Issue-12, Page:(119-121), Jul - 2014	Journal Paper
Jun - 2014	Challenges and issues in intelligent video surveillance system	Rohan Naik, Kalpesh Lad ,International Journal of Advanced Research in Computer Engineering & Technology, 2278 - 1323, Vol.3 Issue-6, Page:(2004-2011), Jun - 2014	Journal Paper
Jun - 2014	Agricultural Commodity Market Price Prediction for Wellbeing of Agriculture Stake Holder	Mr. Tejaskumar R. Ghadiyali, Dr. Kalpesh B. Lad, Dr. Jayesh Dhodiya ,International Journal of Applied Agricultural Research, 0973-2683, Vol.9 Issue-1, Page:(89-100), Jun - 2014	Journal Paper
Oct - 2014	Meteorological Data Analysis for Agriculture Intelligence	Tejas Ghadiyali, Dr. Kalpesh Lad, Dr. Jayesh Dhodiya ,Proceedings of 19th Annual cum 4th International Conference of GAMS on Advances in Mathematical Modeling to Real World Problems, 978-81-928100-8-9, Page:(14-19), Oct - 2014	Conference Paper
Jul - 2013	E-Green Revolution Through Knowledge Management In Agriculture Sector	Tejas Ghadiyali, Dr. Kalpesh Lad ,Journal for Science and Information Technology, 0974-3308, Vol.5 Issue-2, Page:(66-78), Jul - 2013	Journal Paper
Oct - 2013	Risk Minimization Agribusiness using Computing Technique	Kalpesh Lad, Tejas Ghadiyali ,International Journal - IOSR-Journal of Computer Engineering (IOSR-JCE), 2278-0661, Vol.18 Issue-5, Page:(20-25), Oct - 2013	Journal Paper
Sep - 2012	Microarray Analysis in Data mining for Bioinformatics	Smart, Jikitsha Sheth, Dr. Kalpesh Lad ,Proceeding of the National Conference on Advance Trends in Applied Sciences and Technology, 978-81-923514-0-7, Page:(242-249), Sep - 2012	Conference Paper
May - 2012	Comparative Study of Spell Checking Algorithms and Tools	Khyati Shah, Mayuri Patel, Jikitsha Sheth, Dr. kalpesh Lad ,International Journal of Advanced Research in Computer Science, 0976-5697, Vol.3 Issue-3, Page:(421-426), May -2012	Journal Paper
Dec- 2012	Intelligent and Multilingual E-learning Model for India	Panicker Vinaykrishnan, Vijay Rathod, Dr. Kalpesh Lad ,International Journal of Societal Applications of Computer Science, 2319-8443, Vol.1 Issue-1, Page:(7-10), Dec- 2012	Journal Paper

Shrimad Rajchandra Institute of Management & Computer Application

Nov - 2012	Comparison of Existing Dictionary Based Data Compression Methods for English and Gujarati Text	Sandip Maniya, Jikitsha Sheth, Dr. Kalpesh Lad ,International Journal of Research in Computer and Communication technology, 2278-5841, Vol.1 Issue-6, Page:(294-299), Nov - 2012	Journal Paper
Nov - 2012	Compression Technique based on Dictionary approach for Gujarati Text	Sandip V. Maniya, Ms. Jikitsha Sheth, Dr. Kalpesh Lad ,International Journal of Engineering Research and Development, 2278-800X, Vol.4 Issue-8, Page:(104-111), Nov - 2012	Journal Paper
Nov - 2012	Contribution of Green Technology in the Sustainable Development of Agriculture Sector	Tejas Ghadiyali, Dr. Kalpesh Lad, Dr. Manish Kayasth ,Journal of Environmental Research And Development, 0973-6921, Vol.7 Issue-1, Page:(590-596), Nov - 2012	Journal Paper
Oct - 2012	ETL Techniques and Challenges in Agriculture Intelligence	Tejas Ghadiyali, Dr. Kalpesh Lad, Dr. Bankim Patel ,Proc. of the Third National Conference on Agro-Informatics and Precision Agriculture 2012 (AIPA 2012), 978-81-8424-772-5, Page:(85-91), Oct - 2012	Conference Paper
Oct - 2012	Hybrid Approach for Measuring String Similarity and Its Usage in Supply Type Questions' Answer Evaluation	Mayuri Patel, Khyati Shah, Jikitsha Sheth, Dr. Kalpesh Lad ,International Journal of Computer and Electronics Research, 2278-5795, Vol.1 Issue-3, Page:(81-87), Oct - 2012	Journal Paper
Aug - 2011	Agriculture Intelligence: An Emerging Technology for farmer	Tejas Ghadiyali, Dr. Kalpesh Lad, Dr. Bankim Patel ,Proc. of the Second International Conference on Emerging Application, 978-0-7695-4329-1, Page:(313-317), Aug - 2011	Conference Paper
Aug - 2011	Comparative Study of Web Search Engines and User-Centric Search Engine	Shekh, Sisodiya, Jikitsha Sheth, Dr. Kalpesh Lad ,National Journal of System and Information Technology, 0974-3308, Vol.4 Issue-2, Page:(149-161), Aug - 2011	Journal Paper
Feb - 2011	Agriculture Intelligence System Development Issues	Tejas Gadhyali, kalpesh Lad , Bankim Patel ,Proc. of the National Conference on Technology Driven Society, 978-93-81248-00-3, Page:(275-282), Feb - 2011	Conference Paper
Sep - 2010	Fake Note Identification Techniques	Dr. Jayesh Dhodiya, Dr. Kalpesh Lad, Mukesh Patel ,International Journal of Mathematics Applied in Science and Technology, 0973-6344, Vol.2 Issue-1, Page:(7-15), Sep - 2010	Journal Paper

Shrimad Rajchandra Institute of Management & Computer Application

Feb - 2010	Biological Data Integration using Virtual Database	Ateet Mehta, Dr. Kalpesh Lad, Dr. Bankim Patel ,National Journal of System and Information Technology, 0974-3308, Vol.3 Issue-1, Page:(89-95), Feb - 2010	Journal Paper
Oct - 2010	Formal language Specification of GPL - A Programming Language in Gujarati	Kalpesh Lad, Dr. Bankim Patel ,International Journal of Computer Applications in Engineering, 0974-3596, Vol.2 Issue-2, Page:(528-531), Oct - 2010	Journal Paper
Jul - 2009	Implementation of Integrated Development Environment and Compiler for GPL	Kalpesh B Lad, Dr. Bankim Patel ,National Journal of System and Information Technology, 0974-3308, Vol.2 Issue-2, Page:(201-209), Jul - 2009	Journal Paper
Feb - 2008	New paradigm of Programming Language in native language	Kalpesh Lad, Dr. Bankim Patel ,Proc. of the National Conference on Innovative Dimension for Business and Information Technology, 978-81-906446-00, Page:(180-182), Feb - 2008	Conference Paper

List of Ph.D. supervised:

Mr. Tejukumar Rashiklal Ghadiyali	An Intelligent Crop cultivation Prediction System, 2016
Ms. Kinjan Prashant Chauhan	Analysis of graphically interpreted RNFL OCT data and perimetry data for glaucoma diagnosis and progression, 2017

Extension Activities

- Recognized as a Ph. D. Supervisor in Faculty of Computer Science and Technology at Uka Tarsadia University.
- Member of Reserach Council, Examination Reform, Grievance Redressal Cell of Uka Tarsadia University.
- Member of Board of Studies(BOS) of Computer Science Faculty in the Uka Tarsadia University.
- Member of Paper setters and Examiners Appointment Committee of Uka Tarsadia University.
- Member of NAAC Core committe of Uka Tarsadia University
- Look After AICTE Portal, ACPC Reporting, Admission
- Member of Internal Quality Assurance Cell at SRIMCA, Uka Tarsadia University.
- Worked as Course Coordinator for MCA and Integrated MCA course at SRIMCA.
- Worked as Examination Coordinator with VNSGU, GTU and UTU.
- Life membership of:
 1. Computer Society of India
 2. Indian Society for Technical Education
- Organizing Secretary of National Level Conference on Technology Driven Society - 2011, Organized by SRIMCA and CSI Surat Chapter, Maliba Campus, Bardoli, held on 11-12th February, 2011.

Shrimad Rajchandra Institute of Management & Computer Application

- Organized several seminars and workshops successfully.