


<b>Faculty Name</b>	Dr. Ramesh Shahabadkar	
<b>Designation</b>	Professor & Head	
<b>Educational Qualification</b>	M.Tech., Ph.D, LMISTE	
<b>Experience</b>	27 years	
<b>Email-ID</b>	<a href="mailto:rameshsly@gmail.com">rameshsly@gmail.com</a>	

**Area of Interest:**

- Network Security

**Membership in Professional Bodies:**

- Life Member ISTE

**Awards/Recognitions/achievements:**

1. Received “BEST ACADEMICIAN OF THE YEAR AWARD” from RESEARCH EXCELLENCY ACADEMIC AWARDS IN N L DALMIA INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH on 10<sup>th</sup> MARCH 2018.
2. Received “EXCELLENT RESEARCHER AWARD” from RESEARCH EXCELLENCY ACADEMIC AWARDS IN N L DALMIA INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH on 10<sup>th</sup> MARCH 2018.
3. Received “DISTINGUISHED FACULTY IN ENGINEERING AWARD” from VENUS INTERNATIONAL FACULTY AWARDS – VIFA 2018 on 7<sup>th</sup> JULY 2018.

**Publications: International/National Journals**

**INTERNATIONAL JOURNALS**

-Published Paper on “MODELLING OF PROTECTED MULTIMEDIA STREAMING APPLICATION OVER CLOUD ENVIRONMENT” International Journal of New Technologies in Science and Engineering, Vol. 5, Issue. 3, 2018, ISSN 2349-0780.

-Published Paper on “SENSOR BASED SPONTANEOUS WATER LEVEL RECOGNITION IN SMART CITIES ENVIRONMENT” in International Journal of Civil Engineering & Technology (IJCIET), Volume 08, Issue 12, (14<sup>th</sup> Dec 2017) issue of the journal.

-Published Paper on “SENSOR BASED VEHICLE MOTION RECOGNITION IN PORTABLE COMPUTING MACHINES FOR WIRELESS NETWORK” in International Journal of Mechanical Engineering & Technology (IJMET), Volume 08, Issue 12, (Dec 2017) issue of the journal

-Published Paper on “ENHANCED QUERY EXPANSION FOR WEB INFORMATION RETRIEVAL” in “International Journal of Civil Engineering & Technology (IJCIET), Volume 8, Issue 8, August 2017, pp. 910–915, ISSN Print: 0976-6308 and ISSN Online: 0976-6316; Journal Impact Factor (2016): 9.7820 Calculated by GISI (www.jifactor.com); InfoBase Index IBI Factor for the year 2015–16 is 4.19; Thomson Reuters' Researcher ID: B-7378-2016”.

-Published Paper on “A NOVEL APPROACH TO MEDICAL IMAGE PROCESSING WITH RESPECT TO IMAGE SMOOTHING, MIXED NOISE REDUCTION AND ENHANCEMENT” in International Journal of Civil Engineering & Technology (IJCIET), Volume 08, Issue 8, (22<sup>nd</sup> Aug 2017) issue of the journal.

-Published Paper on Framework for Secure Routing for Shielding the Multimedia Contents in P2P Network in International Review on Computers and Software(IRECOS) during November, 2013, with ISSN 1828-6003 has been accepted for publication in Praise Worthy Prize, Italy.

[http://www.praiseworthyprize.com/journals/IRECOS\\_issues.html](http://www.praiseworthyprize.com/journals/IRECOS_issues.html)

-Published Paper on Secure Multimedia Transmission in P2P Using Recurrence Relation and Evolutionary Algorithm in International Symposium on Security in Computing and Communications (SSCC 2013) co-located with International Conference on Advances in Computing, Communications and informatics (ICACCI'13) held at Sri Jayachamarajendra College of Engineering (SJCE), Mysore, India, during August 22-24, 2013, with ISSN 1865-0929 has been accepted for publication in Springer-Verlag Berlin Heidelberg 2013, SSCC 2013, CCIS 377, pp. 281–292.

[http://link.springer.com/content/pdf/10.1007/978-3-642-40576-1\\_28.pdf](http://link.springer.com/content/pdf/10.1007/978-3-642-40576-1_28.pdf)

-Published Paper on Hybrid framework for mitigating illegitimate Peer Nodes in Multimedia file sharing in P2P at International Journal of Computer Science Issues, bearing paper id 'IJCSI-2012-9-1-1186' has been accepted for publication in IJCSI Volume 9, Issue 1, January 2012 which is scheduled to be published on Tuesday 31st January 2012.

<http://www.ijcsi.org/papers/IJCSI-9-1-2-263-271.pdf>

-Published Paper on Lightweight Encryption of Hierarchical Access Control Mechanism Key Using Tribes of Farey Fractions and its Analysis at International Journal of Computer Applications, Foundation of Computer Science, New York, USA on Sept 10, 2010.

<http://www.ijcaonline.org/archives/volume6/number3/1060-1385>

-Published Paper on Stratum based Approach for Securing Multimedia Content Transmission over Large Scale P2P International Journal of Computer Applications (IJCA), March 2014.

<http://research.ijcaonline.org/volume89/number5/pxc3894279.pdf>

-Published Paper on Analysis and Design of Quantum-Dot Cellular Automata in International Journal of Engineering Research & Technology (IJERT), August 2014.

<http://www.ijert.org/view-pdf/10888/analysis-and-design-of-quantum-dot-cellular-automata>

-Published Paper on The Future of Cloud Computing Opportunities for Indian Cloud Computing Beyond 2020 International Journal of Research and Scientific Innovation (IJRSI), August 2014.

<http://www.rsisinternational.org/Issue3/60-63.pdf>

-Published Paper on Content Based Image Retrieval Based on Colour and Texture Features Using Hog Descriptor Global Journal for Research Analysis, August 2014.

<http://theglobaljournals.com/gra/articles.php?val=MjEwMQ==&b1=113&k=29>

-Published Paper on Study of Restful Open API, International Journal of Research and Scientific Innovation: IJRSI, August 2014.

<http://www.rsisinternational.org/Issue3/64-71.pdf>

## **INTERNATIONAL CONFERENCES**

-Presented and Published Paper on Framework for Multimodal interfaces in conversation of Man with Man-Made Machine in International Conference on "Emerging Trends in Engineering & Technology on Information Security and Analytics" (ICETET-ISA-2018) technically sponsored by Helix-The Scientific Explorer on 1<sup>st</sup> June 2018.

-Presented and Published Paper on An Integrated Schema for Efficient Face Recognition in Social Networking Platforms in CSOC2018 2018: Software Engineering and Algorithms in Intelligent Systems pp 75-83, DOI [https://doi.org/10.1007/978-3-319-91186-1\\_9](https://doi.org/10.1007/978-3-319-91186-1_9), Publisher Name Springer, Cham, Print ISBN 978-3-319-91185-4, Online ISBN 978-3-319-91186-1 on 17<sup>th</sup> May 2018.

[https://link.springer.com/chapter/10.1007/978-3-319-91186-1\\_9](https://link.springer.com/chapter/10.1007/978-3-319-91186-1_9)

-Presented and Published Paper on Deceptive Call Recognition in a network using Machine Learning at International Conference on Innovative Engineering Technologies (ICIET) held in Colombo, Srilanka on 16<sup>th</sup>-17<sup>th</sup> May 2018.

-Presented and Published Paper on Protection policy in networked locations using machine learning and data science approach 3rd International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT - 2017), Sri Siddhartha Institute of Technology(SSIT), Tumkur, 21<sup>st</sup> -23<sup>rd</sup> December 2017.

-Published Paper on Secure Framework of Authentication Mechanism over Cloud Environment in Springer International Publishing, Software Engineering Trends and Techniques in Intelligent Systems, Advances in Intelligent Systems and Computing 575, DOI 10.1007/978-3-319-57141-6\_30, OpenPublish.eu s.r.o. Svornosti 1908,755 01 Vsetin, Czech Republic, 26-29<sup>th</sup> April 2017.

[https://link.springer.com/chapter/10.1007/978-3-319-57141-6\\_30](https://link.springer.com/chapter/10.1007/978-3-319-57141-6_30)

-Published Paper on Diagnosis of Compromised Accounts for Online Social Performance Profile Networking IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET) at SSN College of Engineering, Chennai, India held on 23-25<sup>th</sup> March 2016.

<http://ieeexplore.ieee.org/document/7566397/>

-Published Paper on CALS: Collaborative Architecture of Learning System for Sentiment Analysis in THIRD INTERNATIONAL CONFERENCE ON EMERGING RESEARCH IN COMPUTING, INFORMATION, COMMUNICATION AND APPLICATIONS ERCICA-2015 at NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, YELAHANKA, BANGALORE-560 064. India held on 31<sup>st</sup> July-1<sup>st</sup> August 2015.

[https://books.google.co.in/books?id=i7o0CgAAQBAJ&pg=PA345&lpg=PA345&dq=cals+ramesh+laxmanrao+shahabadkar&source=bl&ots=pJj6w\\_ia6u&sig=mc2zzMzrDzsRyHCPHW5tq6EE-cc&hl=en&sa=X&ved=0CB0Q6AEwAGoVChMI-oSOwYfGxwIVxpiUCh1IGwnl#v=onepage&q=cals%20ramesh%20laxmanrao%20shahabadkar&f=false](https://books.google.co.in/books?id=i7o0CgAAQBAJ&pg=PA345&lpg=PA345&dq=cals+ramesh+laxmanrao+shahabadkar&source=bl&ots=pJj6w_ia6u&sig=mc2zzMzrDzsRyHCPHW5tq6EE-cc&hl=en&sa=X&ved=0CB0Q6AEwAGoVChMI-oSOwYfGxwIVxpiUCh1IGwnl#v=onepage&q=cals%20ramesh%20laxmanrao%20shahabadkar&f=false)

-Published Paper on Optimization of Encryption Technique Using Evolutionary Algorithm for protecting multimedia contents in P2P system in 4<sup>th</sup> IEEE International Conference Computing, Communication and Networking Technologies (ICCCNT 2013) at Vivekanandha College of Engineering for women held during 4<sup>th</sup> to 6<sup>th</sup> July, 2013.

<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6726525&queryText%3Dshahabadkar>

- Text Mining for Enterprise Decision Support at TEAMTECH 2004 an International Conference from Nov 2-4, 2004 at Indian Institute of Science, Bangalore.

- Cellular Analytics for Manufacturing and Planning at TEAMTECH 2004 an International Conference from Nov 2-4, 2004 at Indian Institute of Science, Bangalore.

- Multi-language document search and retrieval system at TEAMTECH 2006 an International Conference from Feb 28- Mar 2, 2006 at Indian Institute of Science, Bangalore.

- A Novel Approach for automatically generating a topic description for text and searching and sorting text by topic using the same at TEAMTECH 2006 an International Conference from Feb 28- Mar 2, 2006 at Indian Institute of Science, Bangalore.

## **NATIONAL CONFERENCES**

- Presented Papers on Challenges for Faculty of Technical Education in the Competitive Environment, October 2013.

-Published Paper on Real Time Implementation of Secure Multimedia Application with IP Management in P2P Third national Conference on Advanced Computer Networking (NCACN'13) at KGiSL Institute of Technology – KiTE, Coimbatore, Tamil Nadu, on 19th April 2013.

-Published Paper on Secure Modeling and Routing for Protecting Digital Content in Peer-To-Peer Multimedia Streaming in Second national Conference on Advanced Computer Networking (NCACN'12) at KGiSL Institute of

Technology – KiTE, Coimbatore, Tamil Nadu, on 30<sup>th</sup> March 2012.

#### **FACULTY DEVELOPMENT PROGRAMME**

1. Organized five days faculty development programme (FDP) on “Android Application Development on Cloud” from 18<sup>th</sup> July to 22<sup>nd</sup> July, 2016 at Don Bosco Institute of Technology. Resource Person “Ms. Shridevi Abhijit Sawant”.
2. Attended six days Faculty Development Programme on “Artificial Intelligence and Machine Learning” organized by the Electronics & ICT academy, National Institute of Technology, Warangal at CSE department of Vardhaman College of Engineering, Hyderabad from 5<sup>th</sup> to 10<sup>th</sup> February, 2018.

#### **TECHNICAL TALKS**

1. Organized technical talk on “Trends and Future Opportunities in Internet of Things (IOT)” half day (3.00 to 4.30PM) on 12<sup>th</sup> May, 2016 at Don Bosco Institute of Technology. Resource Person “Mr. Devadasa Pai”.
2. Delivered a technical talk on “ PATENT FILING PROCEDURE” on 13<sup>th</sup> June 2019, for all faculties of Saphagiri College of Engineering, , Bengaluru.
3. Delivered a technical talk on “ INDUSTRY 4.0” on 7<sup>th</sup> August 2019, for all faculties of Saphagiri College of Engineering, , Bengaluru.

#### **PROJECTS**

1. Received financial grant for the project on “IMPACT ANALYSIS AND BENEFITS BY RESEARCHERS AND INNOVATORS IN ENGINEERING STUDIES: INDIA” from Department of Science & Technology on March 2018.

#### **PUBLISHED BOOKS**

- 1 Multimedia Security Paradigms A Peer-to-Peer Network Perspective
- 2 Intellectual Property Rights

#### **PATENTS**

<b>Application number</b>	201741027780
<b>Title</b>	A system and method for monitoring environmental pollutants
<b>Date of priority</b>	04.08.2017
<b>Date of filing</b>	04.08.2017
<b>Jurisdiction</b>	Chennai
<b>Application number</b>	201841001351

<b>Title</b>	SYSTEM AND METHOD FOR CONTROLLING THE TRAFFIC BASED ON MACHINE LEARNING (ML)
<b>Date of priority</b>	01.12.2018
<b>Date of filing</b>	01.12.2018
<b>Jurisdiction</b>	Chennai

### Conferences and Seminars Attended:

- i) Attended Technical Talk on “BOOSTING WORKFORCE PRODUCTIVITY & SECURITY WITH NEXT –GEN TECHNOLOGY PLATFORM” on 13<sup>th</sup> August 2019 at Hotel Leela Palace, Bengaluru.
- ii) Attended Interaction Meet “Salesforce Faculty Interaction meet – 2019” on 8<sup>th</sup> August 2019 at Hotel Taj MG Road, Bengaluru.
- iii) Attended two days summit “GreenPro 2018” by CII-Confederation of Indian Industries on 17<sup>th</sup> and 18<sup>th</sup> April 2018, Novotel – HICC Hitex, Hyderabad.
- iv) Attended one day conference “Reimagining and Building Telangana 2018” by CII-Confederation of Indian Industries on 16<sup>th</sup> March 2018, Taj Krishna Hotel Hyderabad.
- v) Attended two days MELTINGPOT 2020 Innovation Summit 2017, Bridging the Gap between Industry and Academia on 14<sup>th</sup> and 15<sup>th</sup> November 2017, Hotel Trident, Hyderabad.
- vi) Attended one day conference Bridge2017 organized by ICT ACADEMY on 25<sup>th</sup> October 2017, MariGold Hotel Hyderabad.
- vii) Attended two days conference DEFTRONICS 2017 on 31<sup>st</sup> August and 1<sup>st</sup> September 2017, Park Hyatt Hyderabad.
- viii) Attended One days Seminar on Research Process, Publications & Evaluations on 28<sup>th</sup> January 2017, at CSI Hyderabad Chapter, Secunderabad.
- ix) Attended Three days International Conference on Emerging in Engineering Education from 6<sup>th</sup> to 8<sup>th</sup> January 2017, at Vardhaman College of Engineering, Bangalore
- x) Attended Three days International Conference on Computational Systems and Information Technology for Sustainable Solution from 6<sup>th</sup> to 8<sup>th</sup> October 2016, at R.V. College of Engineering, Bangalore
- xi) Participated for Formulation of Intellectual Property Policy for Government of Karnataka on 23rd February, 2013 at QED India under the Aegis SAARC Society International, Bangalore, India.
- xii) Participated as Speaker in Eight Day, Global Intellectual Property Convention, 23rd-30th January, 2013 at Lalit Ashok, Bangalore, India.
- xiii) Participated as Speaker in Three Day, Global Intellectual Property Convention, 16th-18th January, 2014 at Novotel –Hyderabad Convention Centre Hyderabad, India.
- xiv) CII-DIPP Nationwide Awareness Campaign on Intellectual Property Rights Mysore on 24.01.2009.
- xv) Information and Software Engineering held at Chennai 13-14, Feb 2009.
- xvi) Opportunities and Challenges in Legal Process Outsourcing by DARE and IBM on 14 May 2009 at Taj Residency Bangalore.
- xvii) “WORK LIFE BALANCE” at CSI-BC Infantry road Bangalore on 28.09.2005.
- xviii) “INFOVISION 2005 Information Industry-Academia Summit “at Le Meridian Bangalore on 15-16.09.2005.
- xix) “Six Sigma for ITES” hosted by Computer Society of India is slated on Sep 24, 2005 at Hotel Ashraya International.
- xx) “MATERIALS RESEARCH: AN INNOVATIVE APPROACH FROM MARINE BIOTECHNOLOGY” at The Institute of Engineers Bangalore on 04.09.2005.
- xxi) “RAPID PROTOTYPING FOR DESIGN AND DEVELOPMENT” at The Institute of Engineers Bangalore on 02.09.2005.
- xxii) “Building career in software testing” at CSI-BC Infantry road Bangalore on 24.08.2005.
- xxiii) EDUCATION NEXT in Vijaynagar Hall at Taj Residency, Bangalore on 26.07.2005.
- xxiv) Datawarehouse and Knowledge Management at The Institution of Engineers (India). Bangalore on 13.06.2005.
- xxv) Datawarehousing at ORATOR NeuroScience Research Pvt Ltd. Bangalore on 10.04.2005.
- xxvi) Datawarehousing at INTEL office Outer Ring Road, Sarjapur Bangalore on 30.03.2005.
- xxvii) Websphere Live at Le Meridian conducted by IBM on 15.03.2005.
- xxviii) Intel Developers Forum at Palace Grounds Bangalore on 12-13 Oct. 2004.
- xxix) Novell Linux day at Taj West End Bangalore 2 Sept. 2004.
- xxx) Microsoft TechEd Academia at IISC Bangalore on 3. Aug. 2004.
- xxxi) Business Intelligence at CSIBC Bangalore 29 July 2004.

### Academic Excellence and Guidance of Student:

Developed Teaching Aids for Software Process Management, Software Quality Management, Information Security, Component Based Technologies, C-Sharp programming, Distributed Operating Systems, Operating

Systems, Computer Networks, C Programming, C++ Programming, JAVA Programming and Computer Graphics subjects.