

Dr N R Sunitha

Professor, Department of CSE, SIT

Contact: 99862 76851

Email: nrsunitha@sit.ac.in

Vidwan ID: 90839

Scopus ID: 16319876000

OrcID: 0000-0003-4990-1689

Faculty ID: SIT0083

Education

	Degree	Year	Institute	Specialization
1	Ph.D	April 2011	Visveswaraiah Technological University, Belguam	Information Security Thesis Title: New Signature Protocols and Applications in e-Banking. Worked under the guidance of Dr.B.B.Amberker, Professor, Dept. of CSE,NIT, Warangal, Andhra Pradesh, India.
2	M.S.	Dec. 1995	BITS, Pilani	Software Systems
3	B E	Dec. 1990	Gulbarga University	EC&E

Professional Experience

	Date (from-to)	Designation	Organization
1	Since 29-08-2011 From 01/07/2014 to 02/08/2017 03-08-2023 to till date	Professor Dept. of CSE Head of the Department of CSE	Department of CSE, Siddaganga Institute of Technology, Tumakuru
2	01-01-2011 to 28-08-2011	Associate Professor Dept. of CSE	Department of CSE, Siddaganga Institute of Technology, Tumakuru

3	08-11-1998 to 31-12-2010	Assistant Professor Dept. of CSE	Department of CSE, Siddaganga Institute of Technology, Tumakuru
4	16-06-1996 to 07-11-1998	Lecturer Dept. of CSE	Department of CSE, Siddaganga Institute of Technology, Tumakuru
5	07-09-1992 to 12-06-1996	Programmer Dept. of CSE	Department of CSE, Siddaganga Institute of Technology, Tumakuru
6	01-11-1991 to 31-08-1992	Graduate Trainee	Bharath Electronics, Bangalore

Positions held

- Head of the Department
- PG Co-ordinator for M.Tech(CSE)
- CSI Branch Counselor
- IEEE WIE Counselor / Mentor
- ISO Auditor
- NBA / NAAC / NIRF Co-ordinator
- Research Advisory Committee Co-ordinator
- BoS/ BOE Member
- Tumkur Smart City Technical Evaluation Committee Member
- ICECIT (International Conference on Emerging Computation and Information Technologies) 2013,2017 – Program Chair /Vice Chair.
- MHRD Institution Innovation Council President at SIT.

Affiliations of Professional organizations

- Indian Society for Technical Education
- Computer Society of India (CSI)
- IEEE Computer Society
- Institution of Engineers (FIE)

Awards and Honors

- Women Achiever award from Institution of Engineers (India) for the year 2021
- Best paper award for the Research Paper “An Efficient Key-Distribution approach for SCADA Systems”,
- Research paper on “KMI for SCADA and WirelessHART in IACS “ chosen as one among top 6 papers (Score of 0.97) in ETFA 2015, IEEE 20th International conference on Emerging Technology & Factory Automation, held in Luxembourg during Sept. 2015. Travel Grant awarded.
- Cash Award from SSES in the years 2010-2016 for the Research Work done.
- IBM Mentor Award during 2014.

- Biodata included in Marquis Who's is Who in Science & Engineering 2010

Courses Taught

Undergraduate Courses

- Big Data
- High Performance Computing
- Operating Systems
- Real Time Big Data Analytics
- Information Retrieval
- Block Chain
- Simulation & Modeling
- System Software
- Finite Automata and Formal language
- Object Oriented Analysis and Design
- Object Oriented Programming
- Unix Shell programming
- Multimedia Communication
- Unix System Programming
- Linux Internals
- Database Management Systems
- Storage Area Networks
- Cryptography and Network Security
- Problem solving using computers
- Advanced Operating Systems
- Cyber Security

Postgraduate Courses

- Block Chain
- Big Data
- High Performance Computing
- Advanced Mathematics in Computer Science
- Advanced Operating System
- Optical Networks
- Storage Area Networks

Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion
1.	Dr. Shanthakumara A H	Comprehensive Reference Architecture to secure Archival Systems along with Insurability service	2021
2.	Dr Pramod T C	Cyber Security Framework for Industrial Automation and Control systems	2018
3.	Dr Mahesh Kumar K M	A Forward-Secure Framework for Private Information Retrieval Systems	2021
4.	Dr Radhakrishan Bhat	A Novel Privacy Preserving Information Storage and Retrieval Framework Applicable for Big Data Processing	2020
5.	Mr Ravi N	Security Protocols to handle challenges in Cloud Computing	Comprehensive Viva Voce completed
6.	Mr R Pradeep	Formal Verification of Blockchain Smart Contracts and Security Protocols used in Smart City Network Devices and Applications	Thesis submitted
7.	Mrs Anupama B S	Scalability Improvement in Blockchain Network using Selective Access Control and Modified PoS Consensus Algorithm	Thesis Preparation
8.	Mrs. Shreenandini Anand	Machine Learning and Data Mining in Astronomy	Comprehensive Viva Voce completed
9.	Ms. Rajeshwari K R	Lightweight Security Protocol for Edge Network in HealthCare Monitoring System	Course work preparation

Research Areas

- Cryptography & Network Security
- Storage Area Networks
- Big Data processing
- Industrial Automation.
- Information Security
- Blockchain

- Edge Computing

Sponsored Projects

Ongoing Projects:

1. Title: Design of Secure Algorithms for embedded systems
Funding Agency: Secure Machines, Bangalore

Amount: 10 Lakhs

Duration: 1 year

Role: PI

Completed Projects:

1. Title: Formal Verification of Security Protocols in Network Devices
Funding Agency: DRDO, SAG
Amount: 22.31 lakhs
Duration: 2 years
Role: Principal Investigator
2. Title: Techniques for Security on Adhoc Networks
Funding Agency: DRDO
Amount: 9.64 lakhs
Duration: 2 years
Role: Principal Investigator
3. Title: Generic Key Management Infrastructure for Industrial Automation
Funding Agency: ABB, GISL
Amount: 7.00 lakhs
Duration: 3 years
Role: Co Investigator
4. Title: Algorithms for Key Management and Security of Routing Protocols for Distributed Sensor Networks
Funding Agency: AICTE
Amount: 6.78 lakhs
Duration: 2 years
Role: PI for complete project execution
5. Title: Device Cyber Security
Funding Agency: ABB, GISL

Amount: 1.78 lakhs

Duration: 1year

Role: Principal Investigator

Publications

Publications : Journals

- Shanthakumara A.H., Sunitha N.R., A novel framework for insurable archival services: a protocol to create secured marketplace for archival services using cloud, International Journal of Advanced Intelligence Paradigms, Volume 26, Year 2023, Pages 267-289
- Radhakrishna Bhat ., N. R. Sunitha ., S. S. Iyengar ., A probabilistic public key encryption switching scheme for secure cloud storage, International Journal of Information Technology (Singapore), Volume 15, Year 2023, Pages 675-690
- Pradeep R., N. R. Sunitha, G. S. Thejas, A Modern Mechanism for Formal Analysis of Biometric Authentication Security Protocol, International Journal of Computer Network and Information Security, Volume 15, Year 2023, Pages 15-29
- Pradeep R, Sunitha N R, A Reliable Block-Chain Based Biometric Authentication Solution for Aadhar, Indian Journal of Science and Technology, Volume Volume 15,, Year 2022, Pages Pages: 2115-2120
- Pradeep R, Sunitha N R., Formal Verification of CHAP PPP authentication Protocol for Smart City/Safe City Applications, Journal of Physics: Conference Series, Volume 2161, Year 2022
- Radhakrishna Bhat ., Sunitha N. R., Efficient transformation capabilities of single database private block retrieval, International Journal of Information Technology (Singapore), Volume 14, Year 2022, Pages 1415-1423
- Thejas G.S.,Garg R.,Iyengar S.S.,Sunitha N.R.R.,Badrinath P.,Chennupati S., Metric and Accuracy Ranked Feature Inclusion: Hybrids of Filter and Wrapper Feature Selection Approaches, IEEE Access, Volume 9, Year 2021, Pages 128687-128701
- K.M. Mahesh Kumar ., Radhakrishna Bhat ., N.R. Sunitha ., A novel index retrieval and query optimisation method for private information retrieval in location-based service application, International Journal of Intelligent Information and Database Systems, Volume 14, Year 2021, Pages 379-402
- T. C. Pramod.,Borojeni K.G.,Hadi Amini M.,Sunitha N.R.,Iyengar S.S. Key pre-distribution scheme with join leave support for SCADA systems, International Journal of Critical Infrastructure Protection, Volume 24, Year 2019, Pages 111-125

- Thejas G.S.,Joshi S.R.,Iyengar S.S.,Sunitha N.R.R.,Badrinath P., Mini-Batch Normalized Mutual Information: A Hybrid Feature Selection Method, IEEE Access, Volume 7, Year 2019, Pages 116875-116885
- Pramod T.C. Thejas G.,Iyengar S.,Sunitha N.R., CKMI: Comprehensive Key Management Infrastructure Design for Industrial Automation and Control Systems, Future Internet, Volume 11, Year 2019
- Pramod T.C.,Sunitha N.R, Key pre-distribution schemes to support various architectural deployment models in WSN, International Journal of Information and Computer Security, Volume 8, Year 2016, Pages 139-157

Publications : Conference Proceedings

- Anupama B.S.,Sunitha N.R, Survey on Blockchain Scalability Addressing Techniques, Lecture Notes in Electrical Engineering, Volume 1075 LNEE, Year 2024, Pages 387-403
- Anupama B.S.,Das A.R.,Rattan N.,Jaiswal R.,Sunitha N.R., Fund Tracking System using Blockchain Technology, 4th IEEE Global Conference for Advancement in Technology, GCAT 2023
- Raghavendra M.,Sunitha N.R., Multi-Objectives Based Reliable Routing Algorithm for IoT Health Care, International Conference on Smart Systems for Applications in Electrical Sciences, ICSSSES 2023, Year 2023
- Surya D.C.,Harsha R.S.,Sahitya R.,Deepak G.R.,Sunitha N.R., Voting Based Consensus Protocol for Blockchain to Maintain COVID Patient Records in Consortium Networks, Lecture Notes in Networks and Systems, Volume 481 LNNS, Year 2022, Pages 335-345
- Surya D.C.,Harsha R.S.,Sahitya R.,Deepak G.R.,Sunitha N.R., Voting Based Consensus Protocol for Blockchain to Maintain COVID Patient Records in Consortium Networks, Lecture Notes in Networks and Systems, Volume 481 LNNS, Year 2022, Pages 335-345
- Radhakrishna Bhat ., N. R. Sunitha ., A Novel Computationally Bounded Oblivious Transfer with Almost Non-trivial Communication, Advances in Intelligent Systems and Computing, Volume 767, Year 2020, Pages 247-257
- Gagana H.S.,Sunitha N.R.,Nishanth K.N., Vehicle detection using point cloud and 3D LIDAR sensor to draw 3D bounding box, Advances in Intelligent Systems and Computing, Volume 1108 AISC, Year 2020, Pages 983-992
- Thejas S.G.,Jimenez D.,Iyengar S.S.,Miller J.,Sunitha N.R.,Badrinath P., COMB: A hybrid method for cross-validated feature selection, ACMSE 2020 - Proceedings of the 2020 ACM Southeast Conference, Year 2020, Pages 100-106

- Harshitha C.P.,Sunitha N.R, Topic identification for semantic grouping based on hidden markov model, Proceedings of the 5th International Conference on Communication and Electronics Systems, ICCES 2020, Year 2020, Pages 932-937
- Bhat R.,Sunitha N.R., An efficient user privacy preserving multi-server private information retrieval, ACM International Conference Proceeding Series, Year 2019, Pages 509
- Thejas G.S.,Soni J.,Chandna K.,Iyengar S.S.,Sunitha N.R.,Prabakar N., Learning-Based Model to Fight against Fake Like Clicks on Instagram Posts, Conference Proceedings - IEEE SOUTHEASTCON, Volume 2019-April, Year 2019
- Thejas G.S.,Soni J.,Borojani K.G.,Iyengar S.S.,Srivastava K.,Badrinath P.,Sunitha N.R.,Prabakar N, A Multi-time-scale Time Series Analysis for Click Fraud Forecasting using Binary Labeled Imbalanced Dataset, CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information Technology for Sustainable Solution, Proceedings, Year 2019
- Pal P.,Thejas G.S.,Ramani S.K.,Iyengar S.S.,Sunitha N.R, A Variation in the Working of Playfair Cipher, CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information Technology for Sustainable Solution, Proceedings, Year 2019
- Thejas G.S.,Kumar K.,Iyengar S.S.,Badrinath P.,Sunitha N.R., AI-NLP Analytics: A thorough Comparative Investigation on India-USA Universities Branding on the Trending Social Media Platform 'Instagram', CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information Technology for Sustainable Solution, Proceedings, Year 2019
- Thejas G.S.,Borojani K.G.,Chandna K.,Bhatia I.,Iyengar S.S.,Sunitha N.R., Deep learning-based model to fight against Ad click fraud, Paper ACMSE 2019 - Proceedings of the 2019 ACM Southeast Conference, Year 2019, Pages 176-181
- Bhat R.,Sunitha N.R, A novel tamper evident single database information-theoretic private information retrieval for user privacy applications, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 11396 LNCS, Year 2019, Pages 304-321
- Bhat R.,Sunitha N.R., An efficient user privacy preserving multi-server private information retrieval, ACM International Conference Proceeding Series, Year 2019, Pages 509
- Bhat R.,Sunitha N.R, A novel hybrid private information retrieval with non-trivial communication cost, Proceedings of the 4th IEEE International Conference on Recent Advances in Information Technology, RAIT 2018, Year 2018, Pages 1-7
- Ravi V.,Sunitha N.R.,Pradeep R.,Verma S., Formal methods to verify authentication in TACACS+ protocol, 2017 2nd International Conference On Emerging Computation and Information Technologies, ICECIT 2017, Year 2018

- Shanthakumara A.H.,Sunitha N.R., A Comprehensive Reference Architecture for Re-encryption based Archival Systems with Insurability Services, Paper 2017 2nd International Conference On Emerging Computation and Information Technologies, ICECIT 2017, Year 2018
- Bhat R.,Sunitha N.R, A Novel Perfect Privacy Preserving Single Database Private Information Retrieval with Non-trivial Communication, 2017 2nd International Conference On Emerging Computation and Information Technologies, ICECIT 2017, Year 2018
- Mahesh Kumar K.,Sunitha N.R., Preserving Location Data Integrity in Location Based Servers using Blockchain Technology, 2017 2nd International Conference On Emerging Computation and Information Technologies, ICECIT 2017, Year 2018
- Bhanuprakash T.,Sunitha N.R., Agent Based Adaptive Resource Allocation Algorithms for Cloud Computing, Proceedings of the 2nd International Conference on Trends in Electronics and Informatics, ICOEI 2018, Year 2018, Pages 845-851
- Pramod T.C.,Sunitha N.R, Key management infrastructure design and novel techniques to establish secure communications in critical infrastructures, International Journal of Critical Computer-Based Systems, Volume 7, Year 2017, Pages 171-189
- Udagatti A.,Sunitha N.R., Fault tolerant public auditing system in cloud environment, Proceedings of the 2016 2nd International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT 2016, Year 2017, Pages 359-362
- Jha A.,Sunitha N.R., Evaluation and optimization of smart cities using betweenness centrality, 2017 International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies, ICAMMAET 2017, Volume 2017-January, Year 2017, Pages 1-3
- Kumar K.,Sunitha N.R. , Hybrid cryptographically secure pseudo-random bit generator, Proceedings of the 2016 2nd International Conference on Contemporary Computing and Informatics, IC3I 2016, Year 2016, Pages 296-301
- Mahesh Kumar K.,Sunitha N.,Mathew R.,Veerayya M.,Vijendra C., Secure Ad-Hoc On-demand Distance Vector routing using identity based symmetric key management, Proceedings of the 2016 IEEE International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2016, Year 2016, Pages 1075-1081
- Shanthakumara A.H.,Sunitha N.R., A novel archival system with dynamically balanced security, reliability and availability, 2016 International Conference on Computation System and Information Technology for Sustainable Solutions, CSITSS 2016, Year 2016, Pages 27-33

- Pramod T.C.,Sunitha N.R., KMI for SCADA and WirelessHART in IACS, 2015 IEEE 20th Conference on Emerging Technologies & Factory Automation (ETFA), Volume 2015-October, Year 2015
- Pramod T.C, Sunitha N.R., Self-diagnosis approach for key synchronization problem in symmetric crypto systems used in SCADA, 2014 International Conference on Computing for Sustainable Global Development (INDIACom), Year 2014, Pages 763-768
- Sridharan S.,Pramod T.C.,Sunitha N.R., Architecting an integrated framework for utility payment services using automated teller machines, 2014 International Conference on Science Engineering and Management Research (ICSEMR), Year 2014
- Pramod T.C, Sunitha N.R., An approach to detect malicious activities in SCADA systems, Paper 2013 Fourth International Conference on Computing, Communications and Networking Technologies (ICCCNT), Year 2013
- Thejaswini S.,Sunitha N.R., Amberker B., Role based dynamic trust model for routing in mobile wireless sensor networks, Communications in Computer and Information Science, Volume 292 CCIS, Year 2012, Pages 28-34
- Kavitha M.,Sunitha N.R.,Amberker B.B, A new transferable digital cash protocol using proxy re-signature scheme, Communications in Computer and Information Science, Volume 250 CCIS, Year 2011, Pages 194-199
- Sunitha N.R, Amberker B.B., Proxy re-signature scheme that translates one type of signature scheme to another type of signature scheme, Communications in Computer and Information Science, Volume 89 CCIS, Year 2010, Pages 270-279
- Sunitha N.R, Amberker B.B., Forward-secure proxy signature scheme for multiple proxy signers using DSA with proxy revocation, 2009 IEEE International Advance Computing Conference, IACC 2009, Year 2009, Pages 681-686
- Sunitha N.R.,Amberker B.B.R.,Koulgi P., Transferable e-cheques: an application of forward-secure serial multi-signatures, Lecture Notes in Electrical Engineering, Volume 14 LNEE, Year 2009, Pages 147-157
- Sunitha N.R.,Amberker B.B, Multi-use unidirectional forward-secure proxy re-signature scheme, 2009 IEEE International Conference on Internet Multimedia Services Architecture and Applications, IMSAA 2009, Year 2009
- Sunitha N.R.,Amberker B.B., Forward-secure proxy signature scheme for cellphone service providers, 5th IEEE and IFIP International Conference on Wireless and Optical Communications Networks, WOCN 2008, Year 2008
- Sunitha N.R , Amberker B.B.,Koulgi P., Secure e-cheques for joint accounts with collective signing using forward-secure multi-signature scheme, Proceedings - 7th IEEE/ACIS International Conference on Computer and Information Science, IEEE/ACIS ICIS 2008, In conjunction with 2nd IEEE/ACIS Int. Workshop on e-Activity, IEEE/ACIS IWEA 2008, Year 2008, Pages 241-246

- Sunitha N.R.,Amberker B.B., Forward-secure proxy signature scheme for multiple proxy signers using bellare-miner scheme with proxy revocation, Proceedings - The 4th International Symposium on Information Assurance and Security, IAS 2008, Year 2008, Pages 73-78
- Sunitha N.R.,Amberker B.B, Forward-secure multi-signatures, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 5375 LNCS, Year 2008, Pages 89-99
- Amberker B.B, Sunitha N.R., Forward-secure proxy signature and revocation scheme for a proxy signer with multiple original signers, SECRIPT 2008 - International Conference on Security and Cryptography, Proceedings, Year 2008, Pages 245-252
- Sunitha N.R.,Amberker B.B, Proxy re-signature schemes, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 5352 LNCS, Year 2008, Pages 156-157
- Sunitha N.R., Amberker B.B., Some aggregate forward-secure signature schemes, IEEE Region 10 Annual International Conference, Proceedings / TENCON, Year 2008
- Sunitha N.R.,Amberker B.B., A new method of verifying digital signatures in e-cheque processing, Proceedings of the 2008 16th International Conference on Networks, ICON 2008, Year 2008
- Sunitha N.R, Amberker B.B., Koulgi P., Controlled delegation in e-cheques using proxy signatures, Proceedings - IEEE International Enterprise Distributed Object Computing Workshop, EDOC, Year 2007, Pages 414-419
- Sunitha N.R.,Amberker B.B.,Koulgi P.,Siddharth P., Secure e-cheque clearance between financial institutions, Proceedings - The 9th IEEE International Conference on E-Commerce Technology, The 4th IEEE International Conference on Enterprise Computing, E-Commerce and E-Services, CEC/EEE 2007, Year 2007, Pages 99-106
- Amberker B.B.,Koulgi P.,Sunitha N.R., Modified forward secure signatures for mobile computing applications, 2006 IFIP International Conference on Wireless and Optical Communications Networks
- Patil S.,Sunitha N.R. A Novel, Lightweight, and Cost-Effective Mechanism to Secure the Sensor-Gateway Communication in IoT, CSOC, Volume 765, Year 2006, Pages 403-412

Publications : Book Chapters

- Ashwini L.,Sunitha N.R., Ranked Keyword Search Result Verification to Detect Misbehaving Cloud Servers, Lecture Notes in Networks and Systems, Volume 98, Year 2020, Pages 87-93
- Pradeep R.,Sunitha N.R., Ravi V., Verma S., A framework for formal verification of security protocols in C++, Lecture Notes in Networks and Systems, Volume 89, Year 2020, Pages 163-175

- Bhat R.,Sunitha N.R., A novel private information retrieval technique for private DNS resolution, Studies in Computational Intelligence, Volume 771, Year 2019, Pages 163-171

Editor/ Reviewer of Journal

- Reviewer for the journals Elsevier's Computers and Security and Intl. Journal of Network Security (IJNS).
- On the Editorial Board of International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)

Patents

- Copyright jointly with DRDO, New Delhi, on "Formal Verification of Security Protocols in Network Devices", N R Sunitha, V Ravi, R Pradeep, Sushma Verma, Registration No. SW-13848/2020 , Date: 21-10-2020

Invited Lectures, talks and workshops

- Invited talk on "Cryptography and Network Security" in the Dept. of MCA, SIT, Tumkur on 16/04/2011.
- Invited talk on " Network Security Essentials" in the Dept. of CSE/ISE, KIT, Tiptur on 11/11/2011
- Invited talk on "Cryptographic Techniques for Information Security" at SIET, Tumkur on 29/02/2012.
- Invited Talk on "Cryptographic Techniques to Secure Mobile Ad Hoc Networks and Wireless Sensor Networks" during VTU Sponsored FDP Programme on Cryptography & Network Security Issues at VTU, Belgaum on 17/03/2012
- Invited Talk on "Object Oriented Modeling and Design " during National Level Seminar on Object Oriented Modeling and Design at HKBK college of Engineering on 20/10/2012
- Invited Talk on "Zero Knowledge protocols – Authentication in ICS" at CDAC Bangalore on 09/02/2013
- Invited talk on "Public Key Cryptography" in the Dept. of ECE, SIT, Tumkur on 16/03/2013.
- Invited talk on "Digital Signatures" in the Dept. of ECE, SIT, Tumkur on 16/04/2014.
- Invited talk on "Storage Area Networks" in Department of CSE, Akshaya Institute of Technology, Tumkur during the workshop on Advanced Storage Area Network & Industry Perspective on 09/10/2014
- Invited talk on "Digital Signatures and Authentication Protocols" in the Dept. of ECE, SIT, Tumkur on 29/04/2015
- Invited talk on "Career Options for Polytechnic Students" at Aryabharathi Polytechnic, Tumkur on 30/11/2015

- Invited talk on “Formal Methods for Security Assessment of Router and UTM” during a workshop from 29/02/2016 to 04/03/2016 at SAG, DRDO, New Delhi.
- Invited talk for the workshop on “Unix systems Programming” at PDIT, Hosapete on 06/03/2017.
- Invited talk on “Computer Network Security” at Siddaganga Polytechnic, Tumakuru on 23/03/2017
- Invited talk on “Digital Signature Protocols for Banking Applications” at Fiserv India, Bangalore, on 01/12/2016
- Invited Talk on “Emerging Trends in Computer Science” at Siddaganga Polytechnic, Tumakuru on 14/07/2017
- Invited Talk on “Art of mentoring” at NIAS, IISc., Bangalore on May 19th 2018. Session on “Spatial Data”, in FDP in Dept. of CSE, SIT, on 21st April 2018.
- Invited talk on "Scalability issues in Blockchain Technology" National Workshop on Cryptology - 2021(NWC 2021) , JNNCE, Shimoga on 19.11.2021
- Two Day workshop on " Hands on R-Programming " scheduled on 20th and 21st September 2021
- Guest Lecture on “ Blockchain Technology” at Smart City, Tumakuru on 21/05/2022
- Guest Lecture on “Projects in Computer Science” at Vidyavahini First Grade College, 3rd July 2024