



## Dr. K Suresh Babu

M.Tech, Ph.D.(CSE)

**Professor of CSE, Training & Placement Officer(TPO) & PTPG Coordinator**

**LMCSI**

Computer Science & Engineering

### Areas of Interest:

- Computer Networks
- Mobile Computing
- Cyber Security
- Information Security
- Wireless Security
- Network Security
- Wireless Networks
- Adhoc Networks
- MANET Security
- Ethical Hacking
- Computer Forensics

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**Dr.K.SURESH BABU, presently working asÂ Professor of CSE,Â** at Department of Computer Science & EngineeringÂ in JNTUH University College of Engineering, Science & Technology Hyderabad, JNTUH. Dr.K.Suresh Babu also holds the Training & Placement Officer(TPO) position. He is also working as Part-Time Post Graduation(PTPG) Coordinator, JNTUH UCETH.

Previously, he worked as Professor of CSE at Department of IT(Formerly School of Information Technology), JNT University Hyderabad. **At School of IT, JNTUH following administrative posts has been taken**

- **Officer-InCharge Examinations (OIC) at Examination Cell,**Â School of IT, JNTUH.

- **Training & Placement Officer(TPO),** School of IT, JNTUH

- **Course Coordinator** for M.Tech(Computer Science).

- **Program Officer for Nation Service Scheme(NSS)**Â Unit at School of IT.

- **Cisco Certified Academy Instructor (CCAI)**Â at Cisco Regional Academy, School of IT, JNTUH.

He did Bachelor of Technology (B.Tech.) from JNT University Hyderabad(JNTUH) in 1999, and M.Tech. Computer Science from the prestigious University of Hyderabad(HCU) or Central University Hyderabad in 2001. He received his Ph.D.(Doctorine of Philosophy) in Computer Science & Engineering from JNT University Hyderabad in 2015. He is also CISCO Certified Academic Instructor.

He has published 45 research papers in various National/International Journals & Conferences. He has conducted various workshops related to Computer Networks and Security.

His research interests span both COMPUTER NETWORKING AND NETWORK SECURITY. Much of his work has been on improving the understanding, design, and performance of Computer Networks& Its Security, mainly through the application of Routing Mechanisms, Statistics, and Performance Evaluation. He worked on Enhancing of Â Security Mechanisms In Mobile Adhoc Networks Using Cross Layer Design Techniques.

### → Educational & Professional

#### → Academic Qualifications

- Ph.D. in Computer Science & Engineering, Jawaharlal Nehru Technological University Hyderabad(JNTUH) (2014-2015)

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CCNA(Cisco Academy) in Networking, Cisco Inc. with Distinction (2007-2008)

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M.Tech in Computer Science, University of Hyderabad(HCU) with First Class (2002-2003)

→ B.Tech in ECE, JNTUH College of Engineering Hyderabad, Jawaharlal Nehru Technological University Hyderabad(JNTUH) with First Class (1998-1999)

→ Post-Graduate Diploma in Computer Applications(PGDCA) in Computer Applications, Softech Institute of Information Technology, Hyderabad with Grade â€ˆAâ€™ (1996-1997)

#### → Professional Experience

#### → Teaching Experience

→ Assistant Professor, Mahaveer Institute of Science & Technology, Hyderabad (2005-12-01 - 2006-11-07)

→ Assistant Professor, Jyothi Engineering College, Patancheru (2003-09-08 - 2005-11-30)

#### → At JNTUH

→ Professor, JNTUH University College of Engineering, Science & Technology Hyderabad (2024 - Till Date)

→ Professor, School of Information Technology, JNTUH (2020 - 2023)

→ Associate Professor, School of Information Technology, JNTUH (2017 - 2019)

→ Assistant Professor, School of Information Technology, JNTUH (2006 - 2016)

#### → Books

→ Dr. K.Suresh Babu, Satish Babu B.V, *Proceedings of the Third International Conference on Computational Intelligence and Informatics ICCII 2018*, Springer Nature Singapore Pte Ltd, 978-981-15-1479-1(Print), 978-981-15-1480-7(Online), 2020

→ Dr.K.Suresh Babu, *Cyber Security : Principles and Practice*, SCIENTIFIC INTERNATIONAL PUBLISHING HOUSE, 978-93-5625-597-5, 2022

→ Dr.K.Suresh Babu, *Cyber Forensics*, Scientific International Publishing House(SIPH) Publishers, 978-93-5625-493-0, 2022

→ Dr.K.Suresh Babu, *Network Security Essentials â€™ Cryptography and Cyber Security*, Scientific International Publishing House(SIPH) Publishers, 978-93-5625-420-6, 2022

#### → Publications

- > Dr.K.Suresh Babu, Swathi Ch, *A Comprehensive Analysis of Network Intrusion Detection in Internet of Things and Wireless Networks*, International Conference on Data Science and Network Security (ICDSNS), ISBN No.979-8-3503-7311-0, pp.1-5, IEEE Xplore, October, 2024
- > Dr.K.Suresh Babu, Satish Babu B.V, Durga Prasad Kare, *Streamlined multi-scenario revocation method leveraging blockchain and auxiliary trees*, Bulletin of Electrical Engineering and Informatics, ISBN No.2302-9285, Vol No.13, Issue No.4, pp.2547-2554, Institute of Advanced Engineering and Science (IAES) in collaboration with Intelektual Pustaka Media Utama (IPMU), August, 2024
- > Dr.K.Suresh Babu, Satish Babu B.V, Doradla Bharadwaja, *Effectual Use and Implementation of Micro-Lesson Plan Activities Through Mapping of Bloom's Taxonomy and ICT Technologies*, Journal of Engineering Education Transformations, ISBN No.2349-2473, Vol No.38, Issue No.1, pp.100-108, Scientific Research Solution Pvt Ltd., July, 2024
- > Dr.K.Suresh Babu, Satish Babu B.V, Durga Prasad Kare, *BAB-SDMM: Blockchain Attribute Based Secure Data Management Model*, IIETA, IngÅ©nserie des SystÅ©mes dÅ©Information, ISBN No.2116-7125, Vol No.29, Issue No.1, pp.1-8, February, 2024
- > Dr.K.Suresh Babu, Swathi Ch, *Wireless Network Intrusion Detection System: Techniques. Systems And Future Challenges*, Grenze International Journal of Engineering and Technology, ISBN No.978-81-955890-3-6, pp.1603-1609, Grenze Scientific Society, January, 2023
- > Dr.K.Suresh Babu, B.Divya Sri, *COMMUNICATION APPLICATION FOR HERAING IMPAIRED (DEAF AND DUMB)*, International Journal of Creative Research Thoughts (IJCRT), ISBN No.2320-2882, Vol No.11, Issue No.5, ijcert.org, May, 2023
- > Dr.K.Suresh Babu, Durga Prasad Kare, Pavushetty Srinidhi, *A BLOCKCHAIN BASED E-COMMERCE ONLINE APPLICATION*, International Journal for Innovative Engineering and Management Research, ISBN No.2456-5083, Vol No.12, Issue No.8, pp.450-458, IJEMR, August, 2023
- > Dr.K.Suresh Babu, Satish Babu B.V, *Secure Data Management Model (SDMM): Access Policy Hiding For Efficient Sharing And Revocation Using Blockchain*, International Journal Of Research In Computer Application & Management, ISBN No.2231-1009, Vol No.13, pp.1-5, May, 2023
- > Dr.K.Suresh Babu, Satish Babu B.V, *Blockchain-Driven Access Control: A Comprehensive Survey*, North Asian International Research Journal of Sciences, Engineering & I.T., ISBN No.2454-7514, Vol No.9, pp.17-36, DOI: 10.5949/nairjseit.2023.10.6.4, June, 2023
- > Dr.K.Suresh Babu, Satish Babu B.V, Durga Prasad Kare, *Enhanced Unified Revocation Mechanism Utilizing Block Chain*, North Asian International Research Journal of Sciences, Engineering & I.T., ISBN No.2454-7514, Vol No.9, Issue No.8, August, 2023
- > Dr.K.Suresh Babu, Satish Babu B.V, Durga Prasad Kare, *Secure Data Management with Blockchain-Enabled Attribute Based Access Control*, International Journal of Innovative Research in Engineering and Management (IJIREM), ISBN No.2350-0557, Vol No.10, Issue No.5, October, 2023
- > Dr.K.Suresh Babu, Satish Babu B.V, Durga Prasad Kare, *Context-Driven Multigranularity Blockchain: A Comprehensive Framework for Secure Data Management*, International Journal of Innovative Research in Computer Science and Technology (IJRCST), ISBN No.2347-5552, Vol No.11, Issue No.6, pp.26-31, November, 2023
- > Dr.K.Suresh Babu, N Rama Rao, *Enhanced Bug Localization through Version Tag Embedding: A Comprehensive Approach to Efficient Software Development*, International Journal of Intelligent Systems and Applications in Engineering, ISBN No.2147-6799, Vol No.11, Issue No.6s, pp.417-427, International Journal of Intelligent Systems and Applications in Engineering, May, 2023
- > Dr.K.Suresh Babu, Metu Shree Chandana, *Application of Ensemble Techniques for Detection of Fake News*, JuniKhyatJournal(UGC Care Group I Listed Journal), ISBN No.2278-4632, Vol No.12, Issue No.11, pp.166-176, JuniKhyatJournal, November, 2022
- > Rama Rao Narvani, Dr. K. Suresh Babu, *Optimum bug fixing rate and bug fixing time detection by software reliability modelling*, ", International Journal of Intelligent Unmanned Systems, ISBN No.2049-6427, Vol No.10, Issue No.1, pp.240-254, January, 2022
- > Dr.K.Suresh Babu, Satish Babu B.V, *The Purview of Blockchain appositeness in computing paradigms: A Survey*, IIETA, IngÅ©nserie des SystÅ©mes dÅ©Information, ISBN No.2116-7125, Vol No.26, pp.33-46, DOI:https://doi.org/10.18280/isi.260104, February, 2021
- > Dr. K. Suresh Babu, *Using Mobile Application Development to Develop Meditrans Å© An Android Application*, International Journal of Creative Research Thoughts, ISBN No.2320-2882, Vol No.8, Issue No.6, pp.4070-4083, June, 2020
- > Dr. K. Suresh Babu, *Using Artificial Intelligence to Speed Up Post-Recruitment Process*, International Journal of Research in Applied Science & Engineering Technology, ISBN No.2321 Å© 9653 , Vol No.8, Issue No.VI, pp.24-34, June, 2020
- > Dr. K. Suresh Babu, *Elimination of Redundant Data in Cloud with Secured Access Control*, AEGAEUM Journal, ISBN No.0776-3808 , Vol No.8, Issue No.7, pp.901-906, July, 2020
- > Dr. K. Suresh Babu, *Blockchain Technology in Enhancing Security of Patient Information in Healthcare System*, The International Journal of Analytical and Experimental Modal Analysis, ISBN No.0886-9367 , Vol No.XII, Issue No.IX, pp.912-924, September, 2020
- > Dr. K. Suresh Babu, Satish Babu B.V, *Blockchain Proliferation In This Digital Epoch*, International Journal For Innovative Engineering and Management Research, ISBN No.2456-5083 , Vol No.9, Issue No.10, pp.20-30, October, 2020
- > Dr. K. Suresh Babu, *A survey of energy aware location based data accuracy estimation in wireless sensor networks*, International Journal of Research in Electronics and Computer Engineering, ISBN No.2348-2281, Vol No.7, Issue No.1, pp.312-318, January, 2019
- > Dr. K. Suresh Babu, *A survey of Fuzzy-Based Energy efficient data gathering approaches in wireless sensor networks*, International Journal of Management Technology and Engineering, ISBN No.2249-7455 , Vol No.IX, Issue No.II , pp.1138-1145, February, 2019
- > Dr. K. Suresh Babu, *A survey of Cluster head selection using efficient optimization algorithms in wireless sensor networks*, International Journal of Management Technology and Engineering, ISBN No.2249-7455 , Vol No.IX, Issue No.II, pp.1129-1137, February, 2019
- > Dr. K. Suresh Babu, *A Survey of Energy efficient clustering hierarchy protocol in wireless sensor networks*, International Journal of Management Technology and Engineering, ISBN No.2249-7455 , Vol No.IX, Issue No.II, pp.1119-1121, February, 2019
- > Dr. K. Suresh Babu, *A survey of energy efficient clustering algorithms in underwater wireless sensor networks*, International Journal of Research in Electronics and Computer Engineering, ISBN No. 2348-2281, Vol No.7, Issue No.1, pp.300-305, March, 2019
- > Dr. K. Suresh Babu, *A survey of anonymous authentication schemes based on Pmpip6 in vehicular adhoc networks*, International Journal of Research in Electronics and Computer Engineering, ISBN No.2348-2281, Vol No.7, Issue No.1, pp.300-305, March, 2019
- > Dr. K. Suresh Babu, *A two stage deanonimization attack against anonymised social networks*, International Journal of Management Technology and Engineering, ISBN No.2249-7455, Vol No.IX, Issue No.III, pp.406-412, March, 2019
- > Dr. K. Suresh Babu, *Control of Selfish Attack Using Selfish Mac Protocol*, International Journal of Research in Electronics and Computer Engineering, ISBN No.2348-2281, Vol No.7, Issue No.2, pp.2567-2570, April, 2019
- > Dr. K. Suresh Babu, *Improving the Lifetime of the FANET using AODV Routing Protocol*, International Journal of Research, ISBN No.2348-6848, Vol No.6, Issue No.7, pp.18-24, June, 2019
- > Dr. K. Suresh Babu, *Secure Video Conference Application over GSM*, The International Journal of Analytical and Experimental Modal Analysis, ISBN No. 0886-9367 , Vol No.XI, Issue No.VIII, pp.1660-1668, August, 2019
- > Dr. K. Suresh Babu, *Enumerate Inter-Reliant Solitude Threat Through Spot Statistics*, International Journal of Management Technology and Engineering, ISBN No.2249-7455 , Vol No.8, Issue No.VIII, pp.406-412, August, 2018
- > Dr. K. Suresh Babu, *Performing Clustering for Mobile Networks by using a Fully Distributed Coalition Formation Algorithm*, International Journal of Scientific Research and Review, ISBN No.2279-0543 , Vol No.7, Issue No.8, pp.189-196, August, 2018
- > Dr. K. Suresh Babu, *Elevated Throughput Opportunistic Accommodating Tool-to-Tool Relations with caching*, International Journal of Research, ISBN No.2236-6124, Vol No.7, Issue No.VIII, pp.194-200, August, 2018
- > Dr. K. Suresh Babu, *Collision Avoidance System for Safety Vehicular Transportation System in VANET*, International Journal of Research in Electronics and Computer Engineering, ISBN No.2348-2281, Vol No.6, Issue No.3, pp.949-955, September, 2018
- > Dr. K. Suresh Babu, *Network Capability in Localizing Node Failures via End-to-End Path Measurements*, International Journal of Research, ISBN No.2236-6124, Vol No.7, Issue No.XI, pp.992-995, November, 2018
- > Dr. K. Suresh Babu, *Improving Network Lifetime by Using Analytic Model in Wireless Sensor Networks*, International Journal of Innovative Research in Science, Engineering and Technology, ISBN No.2319-8753 , Vol No.6, Issue No.8, pp.17120-17124, August, 2017
- > Dr. K. Suresh Babu, *Achieving Individual User Privacy Demand through a Systematic Participatory Sensing Based High Quality Map Generation*, International Journal of Innovative Research in Science, Engineering and Technology, ISBN No.2319-8753 , Vol No.6, Issue No.8, pp.17219-17223, August, 2017
- > Dr. K. Suresh Babu, *Determining Shortest Paths between Overlay Routing Nodes by Using Nontrivial Approximation Algorithm*, International Journal of Innovative Research in Science, Engineering and Technology, ISBN No.2319-8753 , Vol No.6, Issue No.8, pp.17567-17571, August, 2017
- > Dr. K. Suresh Babu, *To Increase Energy and Network Lifetime in MANETs by Using DEL-CMAC Protocol*, International Journal of Innovative Research in Science, Engineering and Technology, ISBN No.2319-8753 , Vol No.6, Issue No.8, pp.17705-17709, August, 2017
- > Dr. K. Suresh Babu, *Secure and Efficient Didrip Protocol for Improving Performance of the Wireless Sensor Networks*, International Journal for Science and Advance Research in Technology, ISBN No.2395-1052, Vol No.3, Issue No.9, pp.361-364, September, 2017
- > Dr. K. Suresh Babu, *Establishing Stable and Reliable Routes in Heterogeneous Multihop Wireless Networks (HMWNS) with Using SRR and BAR Protocols*, International Journal for Science and Advance Research in Technology, ISBN No.2395-1052, Vol No.3, Issue No.10, pp.104-108, October, 2017
- > Dr. K. Suresh Babu, *Reactive-Native Application-Bringing Modern Technologies to Mobile*, International Journal for Science and Advance Research in Technology, ISBN No.2395-1052, Vol No.3, Issue No.11, pp.196-197, November, 2017
- > Dr.K.Suresh Babu, Anumareddy Nivruth Reddy, B. Chaitra Sarika, *Implementation of Closed-Loop Payment System for numerous firms and multiple merchants*, IJRIIT International Journal Of Research In Information Technology, ISBN No.2001-5569, Vol No.5, Issue No.6, pp.53-56, June, 2017
- > Dr.K.Suresh Babu, S.Prathibha, V.Uma Rani, *A Novel Encryption Algorithm to Enhance Database Security*, IJRIIT International Journal Of Research In Information Technology, ISBN No.2001-5569, Vol No.5, Issue No.6, pp.45-49, June, 2017
- > Dr.K.Suresh Babu, P.Meena, *Two-way data binding in prepaid-loyalty Systems*, IJRIIT International Journal Of Research In Information Technology, ISBN No.2001-5569, Vol No.5, Issue No.6, pp.50-52, June, 2017
- > Dr.K.Suresh Babu, et al, *Engineering Studies. Disseminate Authenticity and Integrity Data in Wireless Sensor Networks Using Secure DIDrip*, International Journal of Professional, Vol No.7, Issue No.3, pp.21-26, October, 2016
- > Dr.K.Suresh Babu, et al, *A Novel Friend Recommendation System in Social Networks Using Semantic-Based*, International Journal of Research, ISBN No.2348 Å© 6848, Vol No.3, Issue No.14, pp.729-736, October, 2016
- > Dr.K.Suresh Babu, Balaji T, *Multi-Protocol Label Switching Traffic Engineering-Link Protection*, International Journal of Computer Science and Information Technologies (IJCISIT), ISBN No.1711-1714, Vol No.7(4), August, 2016
- > Dr.K.Suresh Babu, et al, *Developing an Accurate Classifier to Detect Spam and Malicious Applications on Facebook*, International Journal of Professional Engineering Studies, Vol No.6, Issue No.4, pp.135-139, July, 2016
- > Dr.K.Suresh Babu, et al, *Providing Novel Schemes for Accurate Top-K results in Spatial Databases*, International Journal of Research in Advanced Engineering Technologies, ISBN No.2348 Å© 8190, Vol No.5, Issue No.3, pp.199-203, July, 2016
- > Dr.K.Suresh Babu, et al, *Authentication and Vulnerability Assessment of Mobile Nodes*, International Journal of Research in Information Technology, ISBN No.2001 Å© 5569, Vol No.3, Issue No.9, pp.1-6, September, 2015
- > Dr.K.Suresh Babu, et al, *Enhancement of MANET Security using Cross-layer Technology*, International Journal of Advanced Research in Computer Engineering & Technology, ISBN No.2278 Å© 1323, Vol No.4, Issue No.8, pp.3415-3418, August, 2015
- > Dr.K.Suresh Babu, et al, *Centralized NFC Based Food Card Payment with Mobile POS*, International Journal of Research in Information Technology, ISBN No.2001 Å© 5569, Vol No.3, Issue No.7, pp.191-194, July, 2015
- > Dr.K.Suresh Babu, et al, *Development in Location Based Privacy preserving Framework For Participatory Sensing*, International Journal of research in computer Applications and Robotics, ISBN No.2320 Å© 7345, Vol No.2, Issue No.9, pp.76-82, September, 2014
- > Dr.K.Suresh Babu, et al, *Energy Efficient and Delay Tolerant data Collecting Technique for WSN*, International Journal of Scientific and Technology Research, ISBN No.2319 Å© 8885, Vol No.3, Issue No.27, pp.5580-5583, September, 2014
- > Dr.K.Suresh Babu, et al, *Received Signal Strength Based Detection and Localization of Multiple Spoofing Attacks in Wireless Networks*, International Journal of Computer Science and Mobile Computing, ISBN No.2320 Å© 088X, Vol No.3, Issue No.9, pp.351-356, September, 2014
- > Dr.K.Suresh Babu, et al, *On Effective Protection of Security and Privacy in XML Information Brokering*, International journal of Computer Science and Information Technologies, ISBN No.0975 Å© 9646, Vol No.5, Issue No.4, pp.5807-5813, April, 2014
- > YASIR ABDULZAHRA, K SURESH BABU, V UMA RANI3, NORA MOHAMMED SAHIB, *Motion Aware Vertical Handoff of WLAN-WiMAX-LTE*, International Journal of Scientific Engineering & Technology research, ISBN No.2319-8885, Vol No.3, Issue No.31, pp.6176-6182, October, 2014
- > K.Suresh Babu, K.Chandra Sekharaiah, *CLDASR: Cross Layer Based Detection and Authentication in Secure Routing in MANET*, IRACST- International Journal of Computer Networks and Wireless Communications(IJCNWC), ISBN No.2250-3501, Vol No.4, Issue No.2, pp.51-59, April, 2014
- > K.Suresh Babu, K.Rachel Praveena, G.Sudkhar, G.Venkata Rami Reddy, *A Secure Mechanism for Resilient of Data Mining Å© Based Fraud Detection*, International Journal of Computer Science& Network Solutions(IJCSNS), ISBN No.2345-3397, Vol No.1, Issue No.3, pp.76-88, November, 2013
- > K.Suresh Babu, Alraddadi Faisal Salems, *SMS Encryption for Mobile Communication*, International Journal of Scientific Engineering and Technology Research(IJSETR), ISBN No.2319-8885, Vol No.2, Issue No.17, pp.1965-1972, November, 2013
- > K.Suresh Babu, K.Rachel Praveena, G.Sudkhar, G.Venkata Rami Reddy, *Resilient of Data Mining Å© Based Fraud Detection by Using Secure Mechanism*, International Journal of Advanced Engineering Applications(IJAEA), ISBN No.2321-7723, Vol No.2, Issue No.5, pp.38-47, October, 2013
- > K.Suresh Babu, K.Rachel Praveena, G.Sudkhar, *Detecting and Resolving Identity Crimes by Using Secure Mechanism*, International Journal of Advanced Engineering Applications(IJAEA), ISBN No.2321-7723, Vol No.2, Issue No.5, pp.28-37, October, 2013
- > K.Suresh Babu, K.Chandra Sekharaiah, *CBDAT:Cross Layer Based Detection and Authentication Technique for MANET*, International Journal of Computer Science and Network Security(IJCSNS), Seoul Korea, ISBN No.1738-7906, Vol No.13, Issue No.7, pp.22-28, July, 2013
- > K.Suresh Babu, A.Ravali, *Stable and Secure AODV Protocol for MANET*, International Journal of Advanced Research in Computer Science(IJARCS), ISBN No.0976-5697, Vol No.4, Issue No.5, pp.53-56, May, 2013
- > K.Suresh Babu, M.Kalavathi, *A Secure DSDV Protocol for MANETs*, International Journal of Advanced Research in Computer Science(IJARCS), ISBN No.0976-5697, Vol No.4, Issue No.5, pp.48-52, May, 2013
- > K.Suresh Babu, K.Chandra Sekharaiah, *Cross Layer Based Security in MANET*, International Journal of Advanced Research in Computer Science(IJARCS), ISBN No. 0976-5697, Vol No.4, Issue No.5, pp.57-60, May, 2013
- > K.Suresh Babu, K.Chandra Sekharaiah, *SECURING AODV WITH AUTHENTICATION MECHANISM USING CRYPTOGRAPHIC PAIR OF KEYS*, International Journal of Computer Science and Information Security (IJCIS), ISBN No.1947-5500, Vol No.11, Issue No.2, pp.42-45, February, 2013
- > K.Suresh Babu, K.Chandra Sekharaiah, *Security Patterns: State-of-Art Scenario*, International Journal of Computer Science and Network Security(IJCSNS), Seoul Korea, ISBN No.1738-7906, Vol No.11, Issue No.4, pp.131-135, April, 2011

#### National Journals

- Dr.K.Suresh Babu, Vanga Sreeja, *HEART DISEASE PREDICTION USING MACHINE LEARNING*, Juni Khyat (UGC Care Group I Listed Journal), ISBN No.2278-4632, Vol No.13, Issue No.6, pp.115-119, junikhyatjournal.in, June, 2023
- Dr.K.Suresh Babu, J.H.N Harshini Pranihta, *Implementing Blockchain Based DApp for Secure Sharing of Studentsâ€™ Credentials*, Juni Khyat (UGC Care Group I Listed Journal), ISBN No.2278-4632, Vol No.13, Issue No.9, pp.53-62, junikhyatjournal.in, September, 2023
- Dr.K.Suresh Babu, MADASU ASHWAN KUMAR, *ENHANCING DATA SECURITY USING INTRUSION DETECTION TECHNIQUE*, Juni Khyat (UGC Care Group I Listed Journal), ISBN No.2278-4632, Vol No.13, Issue No.9, pp.199-206, junikhyatjournal.in, September, 2023
- Dr. K. Suresh Babu, *Improving Cloud Security Trust by Data owner and Cloud-Side Access Control For Secure Cloud Storage*, Journal of Information and Computational Science, ISBN No.1548-7741 , Vol No.9, Issue No.12, December, 2019
- Dr. K. Suresh Babu, *A Novel Healthcare System for Utilizing the Flexibility of Cloudlet*, Journal of Composition Theory, ISBN No.0731-6755 , Vol No.XII, Issue No.XII, December, 2019
- *Secure Identity-Based Data Sharing and Profile Matching for Mobile Healthcare Social Networks in Cloud Computing: A Review*, Journal of Engineering Sciences, ISBN No.0377-9254 , Vol No.10, Issue No.12, December, 2019
- Dr. K. Suresh Babu, *Elevating the Fruition of Web and Mobile Applications*, Journal of Emerging Technologies and Innovative Research, ISBN No.2349-5162, Vol No.5, Issue No.7, June, 2018
- Dr.K.Suresh Babu, et al, *Location Determination of Dynamically Moving Mobile Nodes in Real Time*, Journal of Telecommunications System & Management, ISBN No.2167 â€™0919, Vol No.5, Issue No.1, pp.1-3, January, 2016
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#### International Conference

- Dr.K.Suresh Babu, G.Ranjith, *Comprehensive Study on Authentication Methods in Wireless Networks*, 7th International Conference on Soft Computing and Signal Processing, ISBN No.LNNS Series 2367-3370, SPRINGER LNNS, June, 2024
- Dr.K.Suresh Babu, Ch Swathi, *A Comprehensive Analysis of Network Intrusion Detection in Internet of Things and Wireless Networks*, 2nd International Conference on Data Science and Network Security, IEEE Bangalore Section, Kalpataru Institute of Technology Tiptur, July, 2024
- Dr.K.Suresh Babu, Satish Babu B.V, *Exploring Attribute-Based Access Control on Blockchain: An In-depth Survey*, International Conference On Emerging Technologies In Engineering And Science(ICETES-2023), ISBN No.1551-7616, AIP Conference Proceedings, June, 2023
- Dr.K.Suresh Babu, Satish Babu B.V, *Materializing Block Chain Technology to Maintain Digital Ledger of Land Records*, The Third International Conference on Computational Intelligence and Informatics (ICCI1-2018), ISBN No.-981-15-1479-(Print), 978-981-15-1480-7(Online), Vol No.1090, pp.201-212, Springer Nature Singapore Pte Ltd. , December, 2018
- K.Suresh Babu, K.Chandra Sekharaiah, *Security In Manets Using Cross Layer Design (Clid)*, 2nd International Conference on Advanced Computing Methodologies (ICACMâ€™13), GRIET, Hyderabad, ELSEVIER Publications. , ISBN No.9789351071495, pp.448-452, August, 2013
- K.Suresh Babu, K.Chandra Sekharaiah, *ANT Colony Optimisation Routing in MANETs Using Swarm Intelligence*, Proc. International Conference on Computer Science & Information Technology, Interscience Open Access Journal(OAJ), ISBN No.978-93-82208-59-4, pp.57-63, January, 2013
- K.Suresh Babu, K.Chandra Sekharaiah, *Issues Related to Routing and Security in Mobile Ad-Hoc Networks*, International Conference Systemics, Cybernetics and Informatics ICSCI-2009, Proc. CI-4/7, January, 2009
- K.Suresh Babu, K.Chandra Sekharaiah, *Mobile Ad-Hoc Networks: A Novel Survey*, IEEE International Conference On Advanced Computing And Communication Technologies For High Performance Applications, FISAT, COCHIN, Vol No.1, pp.262-269, September, 2008
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#### National Conference

- K.Suresh Babu, K.Chandra Sekharaiah, *From Software Patterns, Frameworks towards Patterns of Architecture*, National Conference NGCIS , Model Institute of Engineering & Technology, JAMMU, Proc. CD, May, 2017
- Dr.K.Suresh Babu, et al, *Cooperative Bait Detection Scheme (CBDS) To Avoid the Collaborative Attacks of Nodes in MANET, NCRTST 2015*, National Conference on recent trends in Science & Technology(NCRTST 2015), ISBN No.978-93-82570-52-3, pp.279-283, 2015
- K.Suresh Babu, Abdul Majid Shahgoli, Hamid Reza Barzegar, *Cyber Crime in a Nutshell: Social Perspective*, Proc. National Seminar on Science & Technology, Society and Development : A Discourse, Osmania University, Hyderabad, pp.23-24, March, 2012
- K.Suresh Babu, K.Chandra Sekharaiah, *SYSTEM SECURITY: A Survey*, National Conference on RESPOGRAF-2008, Aurorâ€™s Scientific Technological and Research Academy, Hyderabad, Proc. CS-025, April, 2008
- K.Suresh Babu, K.Chandra Sekharaiah, *IDS Technology*, National Conference NGCIS â€™2007, Model Institute of Engineering & Technology, JAMMU, Proc. CD, May, 2007
- K.Suresh Babu, K.Chandra Sekharaiah, *Some Issues in Document Security*, National Conference on Languages Simpleâ€™04, IIT Kharagpur, Proc.-45, May, 2004
- **Events Participated/Organized**

#### - Organized

- Organized a Workshop on IPv6 Essentials: Future of the Internet, School of IT, JNTUH,
- Organized a Workshop on NS2 Tool, School of IT, JNTUH,
- Organized a Workshop on BLOCKCHAIN TECHNOLOGY, School of IT, JNTUH,
- Organized a Workshop on DATA SCIENCE & DEEP LEARNING, School of IT, JNTUH,
- Organized a Workshop on CYBER SECURITY, School of IT, JNTUH,
- Organized a Conference on International Yoga Celebrations, NSS Unit, SIT JNTUH,

#### - Co-ordinated

- Coordinated for a Conference on *2nd International Conference on Computational Intelligence & Informatics(ICCI1-2017)*, JNTUH,

#### - Resource Person

- Resource Person in a Conference on *International Conference on Recent Trends in IoT and Blockchain (ICRTB â€™2019)*, GIET University, Gunupur, Odisha, 19-10-2019 to 20-10-2019
- Resource Person in a Conference on *First International Conference on Computational Intelligence, Communications and Business Analytics(CICBA -2017)*, IEEE, CSI, Springer held at Calcutta Business School., 24-03-2017 to 25-03-2017

#### - Participated

- Participated in a FDP on *R Programming: A Practical Approach*, VNR VJIEIT, 09-05-2022 to 14-05-2022
- Participated in a Workshop on *Procedures & Preparation of SSR for NAAC, IQAC*, JNTUH, 21-04-2022 to 23-04-2022
- Participated in a Seminar on *Trending Tools in Data Engineering and Data Science*, OAM EDUVERSITY (Online), 06-06-2021 to 06-06-2021
- Participated in a FDP on *Machine Learning*, RISE Krishna Sai Prakasham Group of Institutions, Ongole, 04-06-2021 to 06-06-2021
- Participated in a FDP on *Software Testing*, Rajasthan Technical University, Kota, 26-09-2020 to 27-09-2020
- Participated in a Conference on *College to Corporate - A Digital Campus Placement Summit*, Apli.ai, 26-09-2020 to
- Participated in a Seminar on *Cyber Threats and Data Breaches*, SRKR Engineering College, Bhimavaram, 29-08-2020 to
- Participated in a Seminar on *Innovation and Patents*, MLRIT, Hyderabad, 13-08-2020 to
- Participated in a FDP on *PERL Scripting*, LORDS Institute of Engineering & Technology, 10-06-2020 to 14-06-2020
- Participated in a FDP on *Android Developer Fundamentals Faculty Training program*, JNTUH, 04-12-2017 to 08-12-2017
- Participated in a Training on *Training on NETSIM*, by TETCOS, School of IT, JNTUH, 13-07-2017 to 14-07-2017
- Participated in a Refresher Course on *Data Mining Techniques*, UGC- HRDC(ASC), JNT University Hyderabad, 17-10-2016 to 05-11-2016
- Participated in a Workshop on *NKN at the Core of Cyber Space*, JNTU Hyderabad, 21-01-2016 to 22-01-2016
- Participated in a Training on *FSIT Master Training Program*, JNTUH-NASSCOM, 02-11-2015 to 06-11-2015
- Participated in a Seminar on *Industry Meet on â€œSkill Transformation in Telangana â€œ Challenges Ahead â€œ Industry Academia Confluenceâ€*, Osmania University, 01-08-2015
- Participated in a Workshop on *Mobile Apps in Indian Languages*, C-DAC Hyderabad, 24-07-2015
- Participated in a Conference on *Architectural Design using UML*, Dept. of CSE, JNTUHCEH, 26-02-2015 to 28-02-2015
- Participated in a Conference on *Emerging ICT for Bridging Future*, CSI, JNTUH, 12-12-2014 to 14-12-2014
- Participated in a Workshop on *Biostatistics, Research Methodology & Manuscript Preparation*, CIENCIA & IST JNTUH, 24-07-2014 to 26-07-2014
- Participated in a Conference on *Quest 2014*, Dept. of CSE, JNTUHCEH, 14-03-2014 to 15-03-2014
- Participated in a Conference on *Information Security - InfoSec 2014*, CSI Hyderabad Chapter, SIT- JNTUH & C-DAC, Hyderabad, 31-01-2014 to 01-02-2014
- Participated in a Workshop on *Rough Sets and knowledge Technologies*, Dept. of CSE, JNTUH CEH-TEQIP-II & Indian Society for Rough Sets(ISRS), 10-11-2013 to 11-11-2013
- Participated in a Workshop on *Outcome Based Education (OBE)*, School of IT, JNTUH, 26-10-2013
- Participated in a Refresher Course on *Applications of Rough Sets in Knowledge Discovery and Pattern Recognition*, UGC- ASC, JNT University Hyderabad, 17-06-2013 to 06-07-2013
- Participated in a Orientation Course on *Value Education*, UGC- ASC, JNT University Hyderabad, 02-03-2009 to 28-03-2009
- Participated in a Refresher Course on *Mobile Computing*, UGC- ASC, JNT University Hyderabad, 08-11-2004 to 30-11-2004
- Participated in a Conference on *Sector Officer and Zonal officer for the AP State Assembly and Parliamentary elections 2014*, Hyderabad,
- Participated in a Conference on *Zonal officer for the GHMC casual elections 2016*, Hyderabad,
- Participated in a Conference on *National Conference on recent trends in Science & Technology(NCRTST 2015)*, Hyderabad,
- Participated in a Conference on *Advanced Computing Methodologies (ICACMâ€™13)*, GRIET, Hyderabad, ELSEVIER Publications.,
- Participated in a Workshop on *Atmanirbhar Bharat through Experiential Learning, Vocational Education, Internship, Apprenticeship and Entrepreneurship*, JNTUH,

#### → Teaching

- Information Security in MCA III (2022-2023)
- Mobile Computing in M.Tech.(Software Engineering) III (2022-2023)
- Information Security in M.Tech.(Computer Networks & Information Security) I (2022-2023)

#### → Administrative Positions Held

- PTPG Coordinator, JNTUH University College of Engineering Science & Technology Hyderabad(JNTUH UCESTH), 14 Mar 2024 - Present
- Head of the Department, CSE, JNTUH University College of Engineering Rajanna Sircilla, 23 Jan 2023 - 30 Jan 2024
- NSS Program Officer, JNTUH University College of Engineering Rajanna Sircilla, 13 Feb 2023 - 30 Jan 2024
- Officer-In Charge Examinations, Department of IT(Formerly School Of Information Technology, JNTUH), 20 Oct 2020 - 17 Jan 2023
- Course Coordinator for M.Tech(CS), Department of IT(Formerly School Of Information Technology, JNTUH), 12 Aug 2008 - 17 Jan 2023
- Training and Placement Officer, School Of Information Technology, JNTUH, 04 Sep 2013 - 19 Oct 2020
- Member of Fact Finding Committee(FFC), JNTUH
- University Staff Selection Committee, JNTUH
- SIT Staff Selection Committee, School Of Information Technology, JNTUH
- Member Board of Studies at JNTUH SIT, School Of Information Technology, JNTUH
- Member (University Nominee) Board of Studies at CMRCET for B.Tech. CSE(Artificial Intelligence & Machine Learning), CSE(Cyber Security), JNTUH
- Member (University Nominee) Board of Studies at CMRTC for B.Tech. CSE(Artificial Intelligence & Machine Learning), JNTUH
- Member of College Academic Committee(CAC)/Academic Council, School Of Information Technology, JNTUH
- Expert Member, Department Research Committee(DRC), CSE, JNTUH
- Member of SIT Purchase Committee, School Of Information Technology, JNTUH
- Single Point of Contact(SPOC) SWAYAM NPTEL, School Of Information Technology, JNTUH
- Member CDAC-Promotion Review Committee, CDAC Hyderabad
- Social Expert member of Malkajigiri District Media Certification & Monitoring Committee(MCMC), Parliamentary Elections 2019
- Member of IQAC, School Of Information Technology, JNTUH

#### → Project/Research Guidance

#### - Students

Student Name	Title	Year	Download
N.Rama Rao	Bug Localization by Embedding Version Tags in Software Deliverable Files to Improve Software Reliability	2023	<a href="#">Download</a>

Contact :

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**Dr. K Suresh Babu**  
Computer Science & Engineering

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Alternate Email: [kare\\_suresh@yahoo.co.in](mailto:kare_suresh@yahoo.co.in)