



Dr. K Suresh Babu

M.Tech, Ph.D.

**Associate Professor of CSE , Training & Placement Officer,
NSS Program Officer, Course Coordinator**

PG Programs

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

Dr.K.SURESH BABU is working as **Associate Professor of CSE** at School of Information Technology, JNT University Hyderabad. He is the **Training & Placement Officer(TPO)** for School of IT, JNTUH. He is also the **Course Coordinator** for M.Tech(Computer Science). He is also **Program Officer for Nation Service Scheme(NSS)** Unit at School of IT. He is also **Cisco Certified Academy Instructor(CCAI)** at Cisco Regional Academy, School of IT, JNTUH.

- ▶ Educational & Professional

- ▶ Academic Qualifications

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

- ▶

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

- ▶

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)

- ▶ Certificate in Basic Java Programming in Computer Science, Java Point Computers Pvt. Ltd., Hyderabad (1998-1999)

- ▶ Certificate in OOPS Using C++ in Computer Science, CMC Limited, Hyderabad (1997-1998)

- ▶ Post-Graduate Diploma in Computer Applications(PGDCA) in Computer Applications, Softech Institute of Information Technology, Hyderabad with Grade **A** (1996-1997)

- ▶ Certificate in ORACLE in Computer Science, Lakhotia Computer Centre(LCC), Calcutta with Grade **B+** (1996-1997)

- ▶ Intermediate in MPC, Board of Intermediate Education with Distinction (1994-1995)

- ▶ High School/ Matric in All Subjects, Board of Secondary Education with Distinction (1992-1993)

▶ Professional Experience

- ▶ Industrial Experience

- ▶ Cisco Certified Academy Instructor(CCAI), Cisco Regional Academy, SIT JNTUH, School of IT, JNTUH (2007 - Till Date)

- ▶ Training & Placement Officer, School of IT, JNTUH (2013 - Till Date)

- ▶ NSS Program Officer, School of IT, JNTUH (2012 - Till Date)

- ▶ Course Coordinator **A** M.Tech.(CS), School of IT, JNTUH (2008 - Till Date)

- ▶ Assistant Professor, Mahaveer Institute of Science & Technology, Hyderabad (2005 - 2006)

- ▶ Assistant Professor, JyothiEngg. College, Patancheru, Medak. (2003 - 2005)

- ▶ Officer-In-Charge of University Examinations(Now called as Additional Controller of Examinations), JNTUH (2008 - 2009)

- ▶ Assistant Professor(AGP -Rs. 6000/-), School of IT, JNTUH (2006 - 2008)

- ▶ Assistant Professor (AGP -Rs. 7000/-), School of IT, JNTUH (2008 - 2013)

- ▶ Sr. Assistant Professor (AGP -Rs. 8000/-), School of IT, JNTUH (2013 - Till Date)

- ▶ Publications

- International Journals

- ▶ Dr.K.Suresh Babu, Anumareddy Nivruth Reddy, B. Chaitra Sarika, *Implementation of Closed-Loop Payment System for numerous firms and multiple merchants*, IJRIT 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*, IJRIT 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*, IJRIT 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 " 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 (IJCSIT), 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 " 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 " 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 " 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 " 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 " 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 " 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 " 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 " 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.Sudkahar, G.Venkata Rami Reddy, *A Secure Mechanism for Resilient of Data Mining " 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 Saleems, *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.Sudkahar, G.Venkata Rami Reddy, *Resilient of Data Mining " 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.Sudkahar, *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 (IJCSIS), 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, et al, *Location Determination of Dynamically Moving Mobile Nodes in Real Time*, Journal of Telecommunications System & Management, ISBN No.2167 " 0919, Vol No.5, Issue No.1, pp.1-3, January, 2016

International Conference

- ▶ K.Suresh Babu, K.Chandra Sekharaiah, *Security In Manets Using Cross Layer Design (Cld)*, 2nd International Conference on Advanced Computing Methodologies (ICACM™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(IOAJ), 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

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, Abdol 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, Aurora™s Scientific Technological and Research Academy, Hyderabad, Proc. CS-025, April, 2008
- ▶ K.Suresh Babu, K.Chandra Sekharaiah, *IDS Technology*, National Conference NGCIS “ 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 Simple™04, IIT Kharagpur, Proc.-45, May, 2004

▶ Events Participated/Organized

- Participated

- ▶ 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 “ Skill Transformation in Telangana “ Challenges Ahead “* Industry Academia Confluence™, 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 (ICACM™13)*, GRIET, Hyderabad, ELSEVIER Publications.,

Dr. K Suresh Babu
PG Programs

Official Email: kare_suresh@jntuh.ac.in
Alternate Email: kare_suresh@jntuh.ac.in