Name of Faculty	Dr. R M Krishna Sureddi	
Designation	Associate Professor	
Nature of Job/Appointment	Regular	
Date of Joining	05 - 12 - 2022	
E-mail	rmkrishnasureddi_it@cbit.ac.in	

Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (CSE)	Awarded
PG	M. Tech. (CSE) (Gold Medalist)	Distinction
UG	B.Tech (CSE)	First

Work Experience

Teaching	18 Years
Research	10 years
Industry	--
Others	06 Months

Area of Specialization	Wireless Network Security, Cyber Security, Ethical hacking, Vulnerability Analysis, Databases, Data Analysis etc
Professional Memberships	IEEE- 92930738 CSI – I051230008. CISCO – 2234455 IFERP - PMIN23075819 CSTA-198358014553 IATE-336635
Responsibilities held at Institution Level	--- Sruthi & Sudhi Incharge for Decoration Committee
Responsibilities held at Department Level	1. Department Advisory Board – Member 2. Board of Studies, Dept. of IT – Coordinator 3. DLCA, IS, Ethical Hacking, ATCD - Course Expert Group – Member 4. NAAC Criteria- Incharge
Research Guidance	1. Authorized from JNTU Hyderabad for research guidance 2. Authorized from Osmania University for research guidance 3. Authorized from Arunodaya University for research guidance 4. Guiding Scholars at PhD Level 5. Guiding PG scholar from Dept of IT, CBIT
Awards Received	1. Received M.Tech Gold Medalist award in 2010 from GVP College of Engineering under JNTU. 2. CISCO Recognized as International Instructor for faculty cum Students in 2017. 3. Received two Merit Scholarship awards in 2005 and 2006 from GVP. 4. Received best papers publication award in 2009 from GVP. 5. Received Merit Certificate for top performance from Cisco CEO for the First India Launched Cyber Ops in 2017 6. Received grant award from Tequip JNTU Hyderabad, to present paper in Florida University, USA, 2016 7. Cisco offered 500$ Sponsorship for acquiring Total 383 Students & 3 faculty members got Cisco Digital Badges, 8. Cisco recognized and offered twice, 200$ sponsorship for organizing "GVP-CISCO WOMEN ROCK IT EVENT" in the Month of August 2018. 9. Received appreciation award in organizing IEEE Conference from GVP College of Engineering in 2018. 10. Received Presentation award and sponsorship grant amount from ICISA Conference, Seoul, South Korea in 2020.

	11. Cisco awarded with excellent performer in Cisco Global IPD's in 2020.
	12. Received Best IPD Instructor award from Cisco Network academy in 2021.
	13. Received Best organizer Event Award on PATENTS space from NIPAM organization in 2022.
Courses Handled at Under Graduate / Post Graduate Level.	Ethical Hacking, Advanced Data Base Management System, Unix and Windows System Internals, Advanced UNIX Network programming, Unix and Shell programming, Formal Languages and Automata Theory, Automata and Compiler Design,CN, Python Programming,Unified Modeling Language, Principles of Programming Language, Digital Logic Design, Object oriented Analysis and Design, Linux Programming, C Programming, DBMS, Digital Forensic systems and applications, DAA, PE, Linux Programming, Digital Logic & Computer Architecture, ATCD.
No. of Papers Published	National Journals – International Journals – 21 National Conference – International Conference – 7
Projects Carried out	5 PG LEVEL & 40 UG LEVEL
Patents	3
Technology Transfer	1. Delivered lecture on "Embedded System Applications" from Siva rama Krishna engineering College, Dec, 2012. 2. Delivered lecture on "Cyber hacking tools & Digital forensic" in VJIT College of Engineering, 2019. 3. Delivered lecture on "Engineering with hacking" in Lord's institute of Technology, in 2021 4. Delivered lecture on "Data Analytics" in CBIT, 2023
Invited Speaker	1. Judge and Resource person for the "State level Technical Symposium – Medha 2K2".from Mallareddy Engineering College, 2022 2. Resource person to train students in the area of "Automata Applications in real time" from Siva rama Krishna Engineering College, Srikakulam, Dec, 2011 3. Resource Person to deliver lecture for the FDP on Data Analytics in CBIT, 2023.
No. of Books/Chapter Published with details	1. Dr S R M krishna, DrPothalaiha, "Cognitive Models Communication Systems and Computing Methods ", WilleyPublisher, 2022. 2. S.R.M.Krishna, K.V.Ranga Rao, M Suresh, "Optimal reliable routing prediction through intelligentprobability statistic model", Springer LNEE Series, ICISA 2019, Seoul, South Korea, January 2020

Details of Short-Term Training Programs/ Faculty Development Programs / Seminars/Workshops. Other Trainings (**Attended and/or Organized**).

1. A Teacher training program on teaching methodologies Nov 29th to Dec 30th 2006 in G.V.P.College of Engineering.
2. International Work shop on rough sets and data knowledge engineering in G.V.P.College of Engineering (A).
3. Faculty Development Program on agile methodologies organized by IBM in GITAM
4. University in 2015. Faculty Development Program on Business analytics and edge technologies organized by IBM in G.V.P.College of engineering.
5. National workshop on rough sets and data mining organized by JNTU HYDERABAD University.
6. Faculty Development Program on Cyber security syllabus design – CYFOR 2K in A.U.
7. Faculty Development Program on Big data and analytics in GITAM University.
8. Faculty Development Program on edge technologies organized by IBM in G.V.P.College of Engineering (A).   National workshop on internet of things security in G.V.P.College of Engineering(A).
9. 2017 Remote Internship Program organized by TCS held from 07-Dec-2016 to 12-April2017 in GVP College of engineering. 2017
10. CISCO Instructor training program organized by CISCO Networking academy in VBIT College of Engineering in Hyderabad from 17-04-2017 to 02-05-2017. 2018 CISCO Instructor training program organized by CISCO Networking academy in VJIT College of Engineering in Hyderabad from 20-07-2018 to 01-08-2018.
11. In 2018 Cisco world wide "Women Rock IT" Event organized in G.V.P.College of Engineering on 25th of September. In 2018 during 16-07-2018 to 25-07-2018,
12. Cisco Cyber Learn-Thon Online Event organized in G.V.P.College of Engineering (A).
13. In 2019 during January, Cyber Hacking Essentials organized in VidyaJyothi Institute of

Technology(A).

14. Organized International Conference on Rough sets in GVP College of Engg, 2018.
15. In 2019 during January, Ethical Hacking & Forensic Tools organized in VidyaJyothi Institute of Technology (A). In 2019 during March-April, Cisco Certification training program on Cisco Linux Unhatched Course organized in VidyaJyothi Institute of Technology (A).
16. In 2019, February one week duration, Cisco Global IPD sessions attended More than 15 workshops/ online webinars attended and gained certificates during• lockdown.
17. SIX week FDP Program attended, which is organized by Luknow University, Elsevier, 2021.
18. 1 week FDP program on Big Data & Analytics Challenges in NIT Warangal, 2022 more than 20 workshops/FDP's attended in 2021 & 2022.
19. 5 day work shop on "Awareness on Patent filing", in CVR College of Engineering, May, 2022.
20. 5 day FDP on "Digital Analytics", in CBIT, March, 2023
21. 2 week FDP on "Patent Expertism", by Turnip organization, 2023
22. 1 week FDP on "Innovation idea Model", by Turnip organization, 2023
23. 1 week FDP on Cisco Global IPD Networking, by CISCO, Mar, 2023

Details of Journal Publications/ Conferences (National and International)

International Journal

1. S R M Krishna , R Santhosh, Ramakrishna Kolikipogu Rank based Probability Genetic Model for predicting secured optimal Routing paths in MANET DoI: 10.589/AJMCS Jan 2023 Academic Journal – (Scopus)(Accepted)(Under Publication)
2. 2.S R M Krishna , R Santhosh, Ramakrishna Kolikipogu An Integrated RTF-APH Model for Optimal Reliable Routing Paths Prediction in MANET March 2023 (Accepted) Wichman Verlag (Scopus)
3. 3.S R M Krishna, V Ganesh, "Intrusion Detection System to avoid Vulnerability", Springer,SCI, 2023. (Accepted) (Under Publication)
4. R Santosh, S R M Krishna, "Cryptanalysis of RSA with small difference of primes and two decryption exponents: Jochemsz and May approach", Cryptologia, SCI, exponents: Jochemsz and May approach, Cryptologia, DOI: 10.1080/01611194.2022.2109943,oct 10, 2022.
5. S R M Krishna, R Santosh, "Cryptanalysis of Common Prime RSA with Two Decryption Exponents: Jochemsz and May Approach, Inderscince, Scopus, Published, 2023.
6. S.R.M.Krishna, K.V.Ranga Rao, "Optimal secured reliable routing paths identification in MANET through Intelligent Probability Statistic Model", SCOPUS, Springer LNEE series, Jan, 2020.
7. S.R.M.Krishna, K.V.Ranga Rao, "Optimized SecuredMobile Ad-HocNetwork with CCMOMF Model", "International journal of analytical and experimental model", IJAEA, Vol11, issue 9, Sep, 2019.
8. S.R.M.Krishna, K.V. Rao, K.Hema "Optimal secured reliable routing paths identification in MANET through Probability Model", Journal of Emerging Technologies and Innovative Research (JETIR), June 2019, Volume 6, Issue No.6.
9. S.R.M.Krishna, M.N.SeetaRamanath, V.Kamakshi Prasad, Optimal Reliable routing prediction PSO-GA Approach "International Journal of Mobile Network Design and Innovation, Elsevier,(Scopus indexed) Volume 8, Issue 4, OCT, 2018.
10. S.R.M.Krishna, M.N.SeetaRamanath, V.Kamakshi Prasad, " A Novel Approach for Optimal Routing Detection in MANET with Fuzzy Rough Set Model (ORD-FRM)", UGC, EJAET, Vol 4, Issue 12.
11. S.R.M.Krishna, P.Kamakshi Prasad, Y.Vishnutej, P.NarendraKumar, "DSCAM with Rough Sets Generic SSL-DES-96",International Journal of Advanced Research in Computer and Communication Engineering Vol. 2, Issue 5, May 2013.
12. S.R.M.Krishna,M.N.SeetaRamanath,V.Kamakshi Prasad, "Optimizing and Generating Dynamic intricate Cluster Construction in MANET using Integer Liner Programming with Rough Set Model Technique" , IJIST, ISSSN 0975-9646,issue 6, Volume 5, 2014.
13. S.R.M.Krishna,M.N.SeetaRamanath,V.Kamakshi Prasad, "Secure Mobile Adhoc Routing Using Clusters Confrontations with Genetic Algorithm", IJARC, ISSSN:2277 128X,Volume 4,Issue 10,October 2014.
14. S.R.M.Krishna, M.N.SeetaRamanath, V.Kamakshi Prasad," Optimal reliable routing path selection in MANET through novel approach in GA", IJISA,MECS Publisher.(Scopus)

15. S.R.M.Krishna,M.N.SeetaRamanath,V.KamakshiPrasad,,"Secure Data MessageCrypt with SSL and SRSA", IJETEE, ISSN: 2320-9569, Vol. 5, Issue. 1, July-2013.
16. S.R.M.Krishna, VamshiNath, Ruth Ramya, "Homomorphic encryption for cluster in cloud", International Journal of Security and its Applications, Volume 9, Issue 5, 2015, Pages 319-324
17. S.R.M.Krishna, P.S.Jamwal, K Padma Priya, "Enhancing the communication channel through irrational DES", IJCSE, MECS Press, March, 2011.
18. S.R.M.Krishna, P.S.Jamwal, K Padma Priya, "Secure Multi File Protocol Design", MECS Press, International Journal of Intelligent Systems and Applications, IJISA, Mar 03, 2011
19. S.R.M.Krishna, M.N.SeetaRamanath, V.Kamakshi Prasad, Secure Mobile Ad hoc Routing Using Clusters Confrontations (SMARUC2) with Genetic Algorithm (GA),IJARCCE, 2016.
20. S.R.M.Krishn, Narendra babu, Saicharan, FPGA implementation of cryptographic system using BODMAS sequence of operations, ARPN Journal of Engineering & Applied Science(Scopus), Volume 11, Issue 19, 1 October 2016, Pages 11475-11479.
21. S R M krishna, R Santosh Kumar, " Predicting Optimal Reliable Routing Path Duration in Mobile Ad Hoc Networks using RLD Model", IJME(Scopus), May, 2022.

International /National Conferences

1. S.R.M.Krishna, K.V.Ranga Rao, M Suresh, " Optimal reliable routing prediction through intelligent

probability statistic model", Springer, ICISA 2019, Seoul, South Korea, January 2020.

2. S.R.M.Krishna, K.V.Ranga Rao, M Suresh, "Optimized SecuredMobile Ad-HocNetwork with CCM-OMF Model", International Conference on Computational Science & data Engineering, ICCSE, VJIT,India,2019.

3. S.R.M.Krishna, M.N.SeetaRamanath, V.KamakshiPrasad,"Security in MANET Routing Tables with FMNK Cryptography Model", Published in IEEE- EESCO,India, ISBN:978-4799- 7678-2, 2015.

4. S.R.M.Krishna, M.N.SeetaRamanath, V.Kamakshi Prasad, "Generating Optimized Dynamic Secured Mobile Adhoc Network with Optimized Modular Function", IEEE-WISPNET,India, March, 2016.

5. S.R.M.Krishna, M.N.SeetaRamanath, V.Kamakshi Prasad, "Optimal Reliable Routing Path Identification in MANET with FTR-AHP Model", IEEE-SYSCON, United States of America, Florida university, April, 2016.

6. S R M Krishna," NFT Marketplace For Blockchain Based Digital- Assets Using ERC-721 Token Standard", IEEE-ICSCSS-23, 2023,

7. S R M Krishna, "Secure Mobile Ad hoc Routing Using Confrontations (SMARUC) and Nodes Communication with CCM (Character Classification Model) - OKE (Optimal Key Exchange) - SSL (Secure Socket Layer) Model", Springer, ICCSA 23, Athens, Greece, 2023.

List of Certifications:

(a) Cisco Network Academy:

1. Cyber Security Essentials
2. Linux Unhatched Programming
3. Python Programming Essentials
4. CCNA Module1
5. CCNA Module2
6. CCNA Cyber Operations.

(b)Udemy:

1. Microsoft Azure Fundamentals & Concepts
2. MicrosoftAzureDevops&ProjectManagment
3. Ethical Hacking from Scratch.

(c) Coursera:

1. Linux Server Management
2. Python programming