

Name of Faculty Dr. M. VENKATA KRISHNA REDDY  
 Designation Assistant Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 08 - 07 - 2019  
 E-mail krishnareddy\_cse@cbit.ac.in



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

**Work Experience**

Teaching 17 Years  
 Research 06 years  
 Industry --  
 Others --  
 Area of Specialization Automata Theory, Compilers, Cyber Security, Wireless and Mobile Adhoc Networks  
 Professional Memberships  
 1. Member, International Association of Engineers - IAENG, ID: 259202  
 2. Member, Internet Society, ID: 2256708  
 3. Member IEEE, Number : 98506950  
 Responsibilities held at Institution Level --  
 1. Member & Coordinator, BOS CSE (2024)  
 2. Department Academic Coordinator  
 3. TSPA – Faculty Coordinator  
 4. Department Faculty Coordinator, Headstart 2024, Technical Fest – Sudhee 2024  
 5. Member, BOS, BE CSE(IoT, CS with BCT)  
 Responsibilities held at Department Level  
 6. Member, Course Expert Group.  
 7. Member, Learning Management Systems (Moodle) Committee  
 8. Member, Cyber Security Center of Excellence, Zoom Technologies & CBIT, Hyderabad.  
 9. Faculty Instructor, Bridge Course, 2019-2020, 2020-2021 & 2021-2022.  
 10. SPOC, Microsoft Platinum Edge Campus Program at JPNCE, Mahabubnagar.  
 Research Guidance --  
 Awards Received --  
 Courses Handled at Under Graduate / Post Graduate Level. Java , Formal Languages & Automata Theory , Compiler Design , Advanced Computer Architecture , Computer Organization, Distributed Databases, Software Project Management , Software Engineering, Object Oriented Analysis & Design ( UML), Programming for Problem Solving, Computer Graphics, Adhoc Sensor Networks(ASN), E-Commerce, Cyber Security, Free and Open Source Software, Programming for Problem Solving using Python.  
 No. of Papers Published National Journals –00 International Journals – 29  
 National Conference – 01 International Conference – 14  
 Projects Carried out --  
 1. Application Number : 202441031515  
 Date of Publishing : 26.04.2024  
 Title of the Invention : IOT Enabled Smart Agriculture using Digital Dashboard  
 Status : Published  
 Patents  
 2. Application Number : 202341022095  
 Date of Publishing : 27.03.2023  
 Title of the Invention : Cryptography based Data-Centric Security Framework for Cloud Computing

Status : Published

3. Application Number : 202241074003  
Date of Publishing : 30.12.2022  
Title of the Invention : Smart Traffic Lights  
Status : Published
4. Application Number : 202241014892  
Date of Publishing : 25.03.2022  
Title of the Invention : An AI Enabled Framework for Detection of Fake Reviews over Social Media  
Status : Published
5. Application Number : 201941047518  
Title of the Invention : Smart Manufacturing Using Industrial IOT in 5G Environment  
Date of Publishing : 16.12.2019  
Status: Published

Technology Transfer

1. Successfully delivered a Session on “Internet” for newly recruited Sub Inspector of Police at Telangana State Police Academy, Hyderabad on 20.09.2023.
2. Successfully delivered a Guest Lecture on “Tuples & Lists in Python” on 26.06.2023 at One Month Summer Internship Program (SIP) on “Python, Image Processing using OpenCV and Innovative Projects” from 19<sup>th</sup> June to 14<sup>th</sup> July, 2023 at Chaitanya Bharathi Institute of Technology (A), Hyderabad, organized by Dept. of Mechanical Engineering, Chaitanya Bharathi Institute of Technology(A) in association with AICTE Idea Lab.

1. Technical Program Committee Member and Reviewer in the International Conference on Information Technology and Intelligence (ITI 2024), organized by Dr. B.R. Ambedkar Institute of Technology, Andaman & Nicobar, technically sponsored by Soft Computing Research Society (SCRS), New Delhi, during 14-16 October 2024.
2. Program Committee Member and Reviewer in the 3rd International Conference on Advances in Data-driven Computing and Intelligent Systems (ADCIS 2024), organized by BITS Pilani, K.K.Birla Goa Campus, India, co-organized by National Forensic Sciences University, Goa, technically sponsored by Soft Computing Research Society (SCRS), New Delhi, during 20-21 September 2024.
3. Program Committee Member and Reviewer in the International Conference on Sustainable Computing and Intelligent Systems (SCIS 2024), organized by University of Canberra, Australia and technically sponsored by Soft Computing Research Society (SCRS), New Delhi, during 09-10 September 2024.
4. Technical Program Committee Member and Reviewer in the 5th Congress on Intelligence: Systems (CIS 2024), organized by Dept. of Computer Science and Engineering, CHRIST ( Deemed to be University), Kengeri Campus, Bangalore, and Liverpool Hope University, UK, sponsored by Science and Engineering Research Board, DST, Govt. of India(ANRF), and Soft Computing Research Society (SCRS), New Delhi, during 04-05 September 2024.
5. Technical Program Committee Member and Reviewer in the 2nd International Conference on Artificial Intelligence: Theory and Applications (AITA 2024), organized by ICFAI Bsuiness School, Bangalore, Off Campus Center of ICFAI foundation for higher education (IFHE) university, India, during 09-10 August 2024.
6. Technical Program Committee Member and Reviewer in the 3rd 2024 IEEE World Conference on Applied Intelligence and Computing (AIC 2024), Technically Sponsored by Soft Computing Research Society, held at Gwalior, Madhya Pradesh July 27-28, 2024.
7. Technical Program Committee Member and Reviewer in the World Congress and Smart Computing (WCSC 2024), held at the Artificial Intelligence Research Centre, Babu Banarasi Das University, Lucknow, India, during 08-09 June 2024.
8. Technical Program Committee Member and Reviewer in the 4th International Conference on Computer Vision and Robotics (CVR2024), held at Symbiosis Skills and Professional University (SSPU), Pune, India, on May 25, 26, 2024.
9. Reviewed Manuscript Ref no: Ms. No. 2023-UAAI-0712R1 in Applied Artificial Intelligence Journal in April 2024.

Invited Speaker

10. Program Committee Member and Reviewer in the International Conference on Computing and Machine Learning (CML2024), held at the Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, India, during 29-30 March 2024.
11. Technical Program Committee Member and Reviewer in the 2<sup>nd</sup> International Conference on Power Engineering and Intelligent Systems (PEIS2024), held at the National Institute of Technology, Uttarakhand, India, on March 16, 17, 2024.
12. Program Committee Member and Reviewer in the International Conference on Algorithms and Computational Theory for Engineering Applications ICACTEA 2024, organized by the Department of CSE, Aditya Engineering College(A), Surampalem, AP, India, in association with Springer, held during February 02-03, 2024.
13. Reviewer for Journal of Cloud Computing and Data Science in the month of January 2024.
14. Program Committee Member and Reviewer in the 2<sup>nd</sup> Congress on Control, Robotics, and Mechatronics (CRM2024), organized by SR University Warangal, Telangana, India, Technically sponsored by Soft Computing Research Society (SCRS), held during February 03-04, 2024.
15. Program Committee Member and Reviewer in the 6<sup>th</sup> International Conference on Communication and Computational Technologies (ICCCT 2024), organized by Rajasthan Institute of Engineering and Technology, Jaipur, India, Technically sponsored by Soft Computing Research Society (SCRS), held during January 08-09, 2024.
16. Program Committee Member and Reviewer in the 5<sup>th</sup> International Conference on Communication and Intelligent Systems (ICCIS 2023), organized by Malaviya National Institute of Technology, Jaipur, India, Technically sponsored by Soft Computing Research Society (SCRS), held during December 16-17, 2023.
17. Program Committee Member and Reviewer in the congress on Smart Computing Technologies (CSCT 2023), organized by Soft Computing Research Society (SCRS), and co-organized by SAU Center for Research and Innovative Learning (SCRIL), and South Asian University, India, held during December 02-03, 2023.
18. Reviewer for Journal of Autonomous Intelligence in the month of August 2023.
19. Program Committee Member and Reviewer in the 2<sup>nd</sup> International Conference on Advances in Data-driven Computing and Intelligent Systems (ADCIS 2023) organized by BITS Pilani, K.K. Birla Goa Campus, India, co-organized by National Forensic Sciences University, Goa, sponsored by Soft Computing Research Society (SCRS), New Delhi, held during September 21-23, 2023.
20. Program Committee Member and Reviewer in the 4<sup>th</sup> Congress on Intelligent Systems (CIS 2023 organized by Dept. of Computer Science and Engineering, CHRIST (Deemed to be University), Kengeri Campus, Bangalore sponsored by Soft Computing Research Society (SCRS), New Delhi, and All India Council of Technical Education (AICTE), New Delhi held during September 04-05, 2023.
21. Program Committee Member and Reviewer in the 2023 IEEE World Conference on Applied Intelligence and Computing (AIC-2023) held during July 29-30, 2023.
22. Program Committee Member and Reviewer in the 4<sup>th</sup> International Conference on Communication and Intelligent Systems (ICCIS-2022) held during Dec 19-20, 2022, organized in online mode by National Institute of Technology, Delhi, technically sponsored by Soft Computing Research Society.
23. Program Committee Member and Reviewer in the 2022 IEEE World Conference on Applied Intelligence and Computing (AIC-2022) held during June 17-19, 2022.
24. Session chair at “ TS 18 : Image Processing and Machine Vision “ in the 2022 IEEE World Conference on Applied Intelligence and Computing (AIC-2022) held during June 17-19, 2022.
1. **M Venkata Krishna Reddy**, Prem Kumar C, et.al (May 2024) “Security, privacy, and trust management of IoT and machine learning-based smart healthcare systems”, Book Chapter : Advances in Computers. ISSN : 00652458. Scopus Indexed, Science Direct – Elsevier Scopus Link <https://www.scopus.com/record/display.uri?eid=2-s2.0-85199690768&origin=resultslis>

No. of Books/Chapter Published with details

DOI : <http://dx.doi.org/10.1016/bs.adcom.2024.06.006>

<https://doi.org/10.1016/bs.adcom.2024.06.006>

2. **M Venkata Krishna Reddy**, G.Mamatha, Dr. Raghavender Raju L, D. Naga Jyothi, Dr. E.Padmalaatha (March 2024) "Privacy and Security Challenges in IoT Applications", Book Chapter : Futuristic Trends in IOT, IIP Series, Volume 3, Book 6, Part 2, Chapter 1, e-ISBN: 978-93-6252-967-1, pp 139-149, Date: 16, March 2024.
3. Syed Shaheen, K. Spandana, **M Venkata Krishna Reddy**, et.al, (March 2024) "Advancing Privacy in AI: Homomorphic Encryption and Private AI", Book Chapter : Sustianbale Development using Private AI, Security Models and Applications, 1st Edition, CRC Press, , Chapter 3, e-ISBN: 9781032716749, , Date: March 2024. – **Taylor & Francis** <https://www.taylorfrancis.com/books/edit/10.1201/9781032716749/sustainable-development-using-private-ai-uma-maheswari-rajanikanth-aluvalu>
4. Dr. Raghavender Raju L, **M Venkata Krishna Reddy**, B Ramana Reddy (May 2022) "Health Monitoring using at Mega Microcontroller and IoT", Book Chapter, Applications of Internet of Things(IoT) in Real World, Taurean Publications, ISBN: 978-1-956861-10-5. pp 48-59, Date: 16th May 2022. <https://namyapress.com/Books/use-of-iot-internet-of-things/>
1. Participated in a two week online Faculty Development Program on "Transforming Education: Integrating OBE and NEP 2020", organized by Dept. of Electronics and Communication Engineering, CVR College of Engineering (A), Hyderabad, during 22/07/2024 to 02/08/2024.
2. Organized & Participated in One-week National Level Online FDP on "Quantum Computing: Building a Rapid and Secure Information Tomorrow", organized by the Department of Computer Science and Engineering, Chaitanya Bharathi Institute of Technology(A), Hyderabad during 11/07/2024 to 15/07/2024.
3. Participated in a one week online National Faculty Development Program on "Machine Learning Applications for Engineers", organized by Dept. of Computer Science and Engineering, Chaitanya Bharathi Institute of Technology (A), Hyderabad, in Technical Association with 'ACM Hyderabad Deccan Chapter during 03/07/2024 to 07/07/2024.
4. Organized & Participated in One-week National Level Online FDP on "Emerging Research Trends in Computer Science", organized by the Department of Computer Science and Engineering, Chaitanya Bharathi Institute of Technology (A), Hyderabad, in Technical Association with 'ACM Hyderabad Deccan Chapter on 19/08/2023.
5. Organized & Participated in Technical Event " Headstart 2024 under Sudhee 2024, by the Department of CSE, Chaitanya Bharathi Institute of Technology(A), Hyderabad during 26/04/2024 to 27/04/2024.
6. Participated in a One Week International Short Term Training Program (STTP) on "Comprehensive Cyber Security and Ethical Hacking, From Fundamental to Advanced Techniques", organized by Dept. of Computer Engineering and Technology, Chaitanya Bharathi Institute of Technology (A), Hyderabad, in Collaboration with with Ditto Security, an information security-based innovation center, Mumbai, Maharashtra, India. during 04/03/2024 to 09/03/2024.
7. Participated in a one week online National Faculty Development Program on "Business Analytics", organized by Dept. of Information Technology, Matrusri Engineering College, Hyderabad, in Collaboration with ExcelR Edtech Pvt. Ltd. during 05/02/2024 to 09/02/2024.
8. Participated in a one week online Faculty Development Program on "Research Advancements in Natural Language Processing", organized by Dept. of Artificial Intelligence and Machine Learning, Chaitanya Bharathi Institute of Technology (A), Hyderabad, during 29/01/2024 to 02/02/2024.
9. Participated in an Expert Talk on "Financial Time Series Volatility Forecasting", organized by Department of CSE, Chaitanya Bharathi Institute of Technology (A), Hyderabad, on 27/01/2024.
10. Participated in a one week online Faculty Development Program on "Quality Education through OBE", organized by Chaitanya Bharathi

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

Institute of Technology (A), in association with IEEE Education Society Student Branch Chapter CBIT Hyderabad, during 22/01/2024 to 27/01/2024.

11. Organized & participated in one day workshop on “Building AI for India and RUST”, by Department of CSE, Chaitanya Bharathi Institute of Technology (A), Hyderabad in association with Swecha organization, on 11/10/2023.
12. Participated in three day Faculty Development Program on “Essentials of AI (Hands – on)”, organized by Dept. of Information Technology, Matrusri Engineering College (A), Hyderabad in association with Soft Computing Research Society from 14/09/2023 to 16/09/2023.
13. Participated in International Technical Sessions at 9<sup>th</sup> International Conference on Computers, Management & Mathematical Sciences (9<sup>th</sup> ICCM-2023) organized by North Eastern Regional Institute of Science and Technology (NERIST), Arunachal Pradesh, India in collaboration with California State University, USA & emlyon Business School, France, International Association of Academicians, USA during 24/08/2023 to 25/08/2023.
14. Participated in one week International Faculty Development Program on “Advances in Machine Learning, Image Processing and Natural Language Processing”, organized by Dept. of Information Technology, School of Engineering and Technology, Dimapur during 16/08/2023 to 21/08/2023.
15. Organized & Participated in one day workshop on “Research Paper Writing Tools : Latex and Overleaf”, by Department of CSE, Chaitanya Bharathi Institute of Technology(A), Hyderabad on 19/08/2023.
16. Attended a webinar on “Validate Your Journey: Getting from Idea to Prototype Stage” organized by Institution’s Innovation Cell (IC)- MHRD innovation Cell on 04/07/2023
17. Attended a webinar on “Block Chain Technologies and Applications”, organized by IETE, Hyderabad centre on 22/01/2023.
18. Successfully Completed Online Certification course on “The Joy of Computing using Python” offered by NPTEL during July – Oct 2022 (12 Week Course) on 14/10/2022.
19. Attended a webinar on “Artificial Neural Networks and their role in Artificial Intelligent Systems”, organized by IETE, Hyderabad centre on 02/10/2022.
20. Participated in a 12 week NPTEL online Faculty Development Program on “The Joy of Computing using Python” organized by NPTEL - AICTE during 25/07/2022 to 14/10/2022.
21. Organized & Participated in Guest Lecture on “Swarm Intelligence”, by Department of CSE, Chaitanya Bharathi Institute of Technology (A), Hyderabad on 15/09/2022.
22. Participated in a one week online Faculty Development Program on “Amazon Web Services”, organized by Dept. of Emerging Technologies in Computer Science in association with Brain O Vision, G Pulla Reddy Engineering College (A), Kurnool during 22/08/2022 to 27/08/2022.
23. Participated in a 1 Day National Expert Lecture on “IOT Device Security: In & Out of the Box”, organized by Department of CSE, Matrusri Engineering College, Hyderabad on 24/08/2022.
24. Participated in a two week online Faculty Development Program on “Python Programming”, organized by Career Development Cell(CDC), Chaitanya Bharathi Institute of Technology(A), Hyderabad during 10/08/2022 to 22/08/2022.
25. Attended a webinar on “The Impact of 5G Technology on Human Life in the 21<sup>st</sup> Century ”, organized by IETE, Hyderabad centre on 14/08/2022.
26. Coordinated & Participated in a 5 Day National level Hands-on Workshop on “Cyber Security”, organized by Department. of CSE and Department of IT, Chaitanya Bharathi Institute of Technology(A), Hyderabad during 16/05/2022 to 20/05/2022.
27. Coordinated & Participated in a 1 Day National level Hands-on Workshop on “Cyber Security Tools and Techniques: A Practical Approach”, organized by Department. of CSE Chaitanya Bharathi Institute of Technology(A), Hyderabad on 14/05/2022.

28. Successfully Completed Online Certification course on "Ethical Hacking" offered by NPTEL during January – April 2022 (12 Week Course) on 23/04/2022.
29. Participated in a 12 week NPTEL online Faculty Development Program on "Ethical Hacking" organized by NPTEL - AICTE during 24/01/2022 to 15/04/2022.
30. Attended a webinar on "Introduction to Blockchain Technology and Applications", organized by IETE, Hyderabad centre on 24/04/2022.
31. Participated in a 1 Day National level online workshop on "Full Stack Development 2022" during the Technical Fest "Headstart 2022" under "Sudhee 2022", organized by Department of CSE, Chaitanya Bharathi Institute of Technology (A) in collaboration with Coding Ninjas, Hyderabad on 20/03/2022.
32. Organized & Participated in Guest Lecture on "Natural Language Processing: Applications and Challenges" , by Department of CSE, Chaitanya Bharathi Institute of Technology(A), Hyderabad on 11/03/2022.
33. Attended a webinar on " BRIDGE Campus Learning Series Cyber Series : Artificial Intelligence in Cyber Security", organized by Deloitte on 28/02/2022.
34. Participated in a 5 Day online Workshop on "Privacy and Cyber Security", organized by Dept. of CSE, Keshav Memorial Institute of Technology, Hyderabad during 31/01/2022 to 05/02/2022.
35. Attended a webinar on "Indian Space Program", organized by IETE, Hyderabad centre on 23/01/2022.
36. Attended a webinar on "Research Paper Writing", organized by IETE, Hyderabad centre on 16/01/2022.
37. Attended a webinar on "Empowering girl child in the fields of education, gender equality, health & hygiene", organized by Women Development Cell, Chaitanya Suraksha Club and NSS Unit of CBIT on 24.01.2022.
38. Attended a webinar on "NITTTR – Module 3 : Communication Skills, Modes and Knowledge Dissemination ", organized by NITTT - CBIT, Hyderabad on 22/01/2021.
39. Attended a webinar on "The Changing face of Broadcasting", organized by IETE, Hyderabad centre on 05/12/2021.
40. Attended a webinar on "Secure SDWAN (Software Defined Wide Area Network)", organized by IETE, Hyderabad centre on 28/11/2021.
41. Coordinated & Participated in a 1 Day National level Hands-on Workshop on "Hunting Bug Bounties", organized by Department. of CSE and Department of IT, Chaitanya Bharathi Institute of Technology(A), Hyderabad on 06/11/2021.
42. Coordinated & Participated in a 1 Day National level Hands-on Workshop on "GitHub", organized by Department. of IT and Department of CSE, Chaitanya Bharathi Institute of Technology(A), Hyderabad on 23/10/2021.
43. Successfully Completed Online Certification course on "Introduction to Industry 4.0 and Industrial Internet of Things - online", offered by NPTEL during July – October 2021 (12 Week Course) on 23/10/2021.
44. Participated in a 5 Day AICTE Training and Learning (ATAL) Academy National Level Online Elementary Faculty Development Program on "Cyber Security" organized by National Institute of Technology, Nagaland during 04/10/2021 to 08/10/2021.
45. Participated in a 12 week NPTEL online Faculty Development Program on "Introduction to Industry 4.0 and Industrial Internet of Things - online" organized by NPTEL - AICTE during 26/07/2021 to 15/10/2021.
46. Participated in a 12 week NPTEL online Faculty Development Program on "Software Engineering - online" organized by NPTEL - AICTE during 26/07/2021 to 15/10/2021.
47. Attended a webinar on "Emerging Technologies and their applications in Artificial Intelligence, Machine Learning and Artificial Neural Networks", organized by IETE, Hyderabad centre on 03/10/2021.
48. Attended a webinar on "Bigdata and its Characteristics", organized by IETE, Hyderabad centre on 26/09/2021.

49. Attended a webinar on "Understanding Cyber Security", Level 1 – Training, organized by under project eSaksham, a joint initiative of Ministry of Education and Cyber Peace Foundation, on 22/09/2021.
50. Attended a webinar on "Cyber Security", Level 1 – Training, organized by under project eSaksham, a joint initiative of Ministry of Education and Cyber Peace Foundation, on 15/09/2021.
51. Participated in a two week online FDP on "Machine Learning with Python" organized by Dept. of IT, CVR College of Engineering in association with E & ICT Academy, Indian Institute of Technology (IIT), Kanpur during 23/08/2021 to 04/09/2021.
52. Attended a webinar on "Role of AI/ML in Cyber Security", organized by Dept. of Computer Engineering, Govt. Engineering College, Rajkot, Gujarat on 04/09/2021.
53. Participated in a 5 Day online International STTP on "Block Chain for Digital Transformation" organized by Dept. of CSE, Chaitanya Bharathi Institute of Technology(A), Hyderabad during 12/08/2021 to 16/08/2021.
54. Attended a webinar on "Efficiency of Machine Learning Algorithms in solving complex problems", organized by IETE, Hyderabad centre on 08/08/2021.
55. Attended a webinar on "Orientation Session to Faculty and Students by Innovation Ambassadors", organized by Dept. of IIC, Chaitanya Bharathi Institute of Technology(A), Hyderabad on 26/07/2021.
56. Attended a 2 Day Workshop through Online Mode on "Python Programming" organized by Dept. of MCA, Chaitanya Bharathi Institute of Technology(A), Hyderabad during 16/07/2021 to 17/07/2021.
57. Participated in a 5 Day online International Workshop on "Building Data-Driven Solutions Using Data Analytics with ML and DL Algorithms" organized by Dept. of CSE, Chaitanya Bharathi Institute of Technology(A), Hyderabad during 24/06/2021 to 28/06/2021.
58. Participated in a 5 Day online Faculty Development Program on "Intelligent Systems for Sustainable Development" organized by Dept. of CS and IT, St. Peter's Engineering College(A), Hyderabad during 08/06/2021 to 12/06/2021.
59. Attended a webinar on "Java Database Connectivity", organized by Dept. of CS, Telangana Social Welfare Degree College for Women, Mahabubnagar on 01/06/2021.
60. Participated in a 5 Day online Faculty Development Program on "Exploring Data Mining and Machine Learning Applications" organized by Dept. of CSE, G. Pulla Reddy College of Engineering(A), Kurnool during 24/05/2021 to 28/05/2021.
61. Participated in a one week AICTE Short Term Training Program (STTP) on "Outcome Based Pedagogical Initiatives for effective Teaching and Learning" organized by Dept. of CSE, Matrusri Engineering College, Hyderabad during 17/05/2021 to 22/05/2021.
62. Successfully Completed Online Certification course on "Introduction to Automata, Languages and Computation" offered by NPTEL during January – April 2020 (12 Week Course) on 09/04/2021.
63. Participated in a 12 week NPTEL online Faculty Development Program on "Introduction to Automata, Languages and Computation" organized by NPTEL - AICTE during 18/01/2021 to 09/04/2021.
64. Attended a webinar on "Tsunami Early Warning System-India", organized by IETE, Hyderabad centre on 23/05/2021.
65. Attended a webinar on "Smart Innovations for Automation using IoT", organized by CSE Dept, CBIT, Hyderabad on 27/03/2021.
66. Attended a webinar on "demystifying patents", organized by SMS Dept, CBIT, Hyderabad on 30/01/2021.
67. Participated in a 5 Day AICTE Training and Learning (ATAL) Academy National Level online Faculty Development Program on "Cyber Security" organized by Dept. of CSE, University College of Engineering, Osmania University, Hyderabad during 18/01/2021 to 22/01/2021.
68. Coordinated & Participated in a 5 Day AICTE Training and Learning (ATAL) Academy National Level online Faculty Development Program on "Blockchain" organized by Dept. of CSE, Chaitanya Bharathi Institute of Technology Hyderabad during 04/01/2021 to 08/01/2021.
69. Attended a webinar on "Financial Well-Beingness of Employees in Covid 19", organized by SMS Dept, CBIT, Hyderabad on 09/01/2021.
70. Successfully Completed Online Certification course on "Problem Solving through Programming in C" offered by NPTEL – AICTE during September – December 2020 (12 Week Course) on 19/12/2020.

71. Participated in a 12 week NPTEL online Faculty Development Program on "Problem Solving through Programming in C" organized by NPTEL - AICTE during 14/09/2020 to 15/12/2020.
72. Attended a webinar on "Introduction to UI/UX Design(User Interface/User Experience)", organized by IETE, Hyderabad centre on 29/11/2020.
73. Attended a webinar on "Public Private Partnership", organized by DSCI, Hyderabad centre on 20/10/2020.
74. Attended a webinar on "5G Communication", organized by Broadcast Engineering Society(India), Hyderabad Chapter in association with Pantech E Learning on 11/10/2020.
75. Attended a webinar on "Problem Solving Skills with case studies", organized by IETE, Hyderabad centre on 04/10/2020.
76. Attended a webinar on "EW for Combating Communication order of Battle (COB)", organized by IETE, Hyderabad centre on 27/09/2020.
77. Attended a webinar on "Transforming to the Next Level (Campus to Corporate)", organized by IETE, Hyderabad centre on 20/09/2020.
78. Participated in a 6 Day online Faculty Development Program on "National Education Policy : Implementation Strategies – A Road Ahead" organized by School of Education, University College of Education, Osmania University, Hyderabad, Telangana during 07/09/2020 to 12/09/2020.
79. Participated in a 5 Day AICTE Training and Learning (ATAL) Academy National Level online Faculty Development Program on "Cyber Security" organized by Dept. of CSE, St. Joseph's College of Engineering, OMR, Chennai during 24/08/2020 to 28/08/2020.
80. Attended a webinar on "5G Architecture, Use cases, Govt. Initiatives", organized by Regional Office, Telecom Regulatory Authority of India, Hyderabad on 21/08/2020.
81. Attended a webinar on "Wireless Sensors Networks and Applications", organized by IETE, Hyderabad center on 16/08/2020.
82. Attended a webinar on "National Initiative for Technical Teachers Training", organized by AICTE, on 05/08/2020.
83. Attended a webinar on "Future Internet Technology and Software Defined Networks", organized by Dept. of CSE, G Pulla Reddy College of Engineering, Kurnool on 03/08/2020.
84. Attended a webinar on "IoT – Its Evolution, Objectives and Implementation", organized by IETE, Hyderabad centre on 02/08/2020.
85. Attended a webinar on "DSCI-TASL Virtual Panel Discussion on Next-Gen SOC Monitoring – A necessity or good to have?", organized by DSCI on 30/07/2020.
86. Attended a webinar on "Crafting Quality Research for Academic Excellence", organized by Dept. of CSE, MGIT, Hyderabad on 27/07/2020.
87. Attended a webinar on "trends in IoT", organized by Dept. of CSE, Shri Eshwar College of Engineering, Coimbatore on 24/07/2020.
88. Attended a webinar on "Microsoft Azure Cloud Technology", organized by Dept. of IT, MGIT, Hyderabad on 18/07/2020.
89. Attended a 2 Day Workshop through Online Mode on "DevOps" organized by Dept. of IT, Kakatiya Institute of Science and Technology, Warangal during 12/07/2020 to 13/07/2020.
90. Participated in a one-week Faculty Development Program through Online Mode on "Evolution of IOT and it's real time applications", organized by Dept. of CSE, Malla Reddy Institute of Technology and Science, Hyderabad during 13/07/2020 to 17/07/2020.
91. Attended a webinar on "Prospects of Artificial Intelligence in Telecom Networks", organized by Dept. of ECE in association with Institutions Innovation Cell, Francis Xavier Engineering College, Tirunelveli on 10/07/2020.
92. Attended a webinar on "Python Numpy with Jupiter Notebook", organized by Dept. of CSE, Malla Reddy Institute of Science and Technology, Hyderabad on 06/07/2020.
93. Attended a 1 Day Workshop through Online Mode on "Advances of Internet of Things" organized by Dept. of CSE, Siddhartha Institute of Engineering and Technology, Hyderabad during on 04/07/2020.
94. Participated in a 5 Day National Level Faculty Development Program through Online Mode on "Recent Trends in Computer Science", organized by Dept. of CSE, Rajiv Gandhi Memorial College of Engineering and Technology, Nandyal during 30/06/2020 to 04/07/2020.
95. Attended a webinar on "Start-Ups Awareness & its Significance", organized by LakiReddy BalReddy College of Engineering, Mylavaram on 29/06/2020.



96. Attended a webinar on "Covid 19 : Impact on Students, Jobs and Higher Education", organized by Swecha Organization, Hyderabad on 27/06/2020.
97. Attended a Leadership Talk Webinar by "Shri Dipendra Manocha, (Motivational Speaker)", organized by MHRD's Innovation Cell on 27/06/2020.
98. Attended a webinar on "Publishing Research Articles in Scopus Indexed Journals", organized by SMS Dept. CBIT, Hyderabad on 24/06/2020.
99. Attended a webinar on "Payment Security Changing the path ahead" organized by DSCI, Hyderabad on 23/06/2020.
100. Participated in a 5 Day Faculty Development Program through Online Mode on "Cutting Edge Technologies development in Information and Communication Engineering", organized by Bharath Institute of Engg. & Technology, Hyderabad during 22/06/2020 to 26/06/2020.
101. Attended a 2 Day Workshop through Online Mode on "Latex for Beginners", organized by Pimpri Chinchwad College of Engineering, Pune during 22/06/2020 to 23/06/2020.
102. Attended a Leadership Talk Webinar by "Mr. Shridhar Venkat, CEO (Akshay Patra Foundation))" organized by MHRD's Innovation Cell on 20/06/2020.
103. Attended a webinar on "Social Responsibility and Community Engagement" organized by SMS Dept.,CBIT, Hyderabad on 17/06/2020.
104. Successfully Completed Online Certification course on "Compiler Design" offered by NPTEL during January – April 2020 (12 Week Course) on 15/06/2020.
105. Attended a webinar on "CO – PO Computation and Outcomes Analysis" organized by InPods Ed- Tech, Hyderabad on 13/06/2020.
106. Attended a Leadership Talk Webinar by "Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment)" organized by MHRD's Innovation Cell on 13/06/2020.
107. Successfully Completed "Programming for Everybody (Getting Started with Python)" an online non-credit course authorized by University of Michigan and offered through Coursera on 11-06-2020.
108. Attended a 3 Day Faculty Development Program through Online Mode on "Computer Vision using CNN" organized by Anurag University & Black Bugs, Hyderabad during 08/06/2020 to 10/06/2020.
109. Participated in a 4 Day Faculty Development Program through Online Mode on "Machine Learning" organized by Anurag University, Hyderabad during 05/06/2020 to 08/06/2020.
110. Attended a webinar on "Cyber Security as a career for job Aspirants" organized by MLR Institute of Technology, Hyderabad on 07/06/2020.
111. Attended a webinar on "Data Science and Career Opportunities" organized by Hindu College of Engineering and Technology, Guntur on 06/06/2020.
112. Attended a Leadership Talk Webinar by "Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design)" organized by MHRD's Innovation Cell on 06/06/2020.
113. Participated in a 4 Day workshop through Online Mode on "Meditation and Breath" organized by Art of Living Center, Bangalore during 04/06/2020 to 07/06/2020.
114. Organized a webinar on "Cyber Security" in association with Zoom Technologies, Hyderabad on 03/06/2020.
115. Organized a webinar on "AI & ML" in association with Zoom Technologies, Hyderabad on 03/06/2020.
116. Participated in a one week Faculty Development Program through Online Mode on "Outcome Based Education (OBE)" organized by Chaitanya Bharathi Institute of Technology, Hyderabad during 28/05/2020 to 01/06/2020.
117. Attended a Leadership Talk Webinar by "Dr. Nilesh N Oak, Expert (Indian Civilization & History)" on 30/05/2020.
118. Attended a webinar on "Creating ChatBots using AI" organized by IOT Academy in association with E & CT Academy & IIT Guwahati on 30/05/2020.
119. Participated in a 5 Day Faculty Development Program through Online Mode on "Artificial Intelligence" organized by Chaitanya Bharathi Institute of Technology in association with Brain O Vision , Hyderabad during 22/05/2020 to 25/05/2020.
120. Attended a webinar on "Advanced IoT Applications – A Practical Approach" organized by LakiReddy BalReddy College of Engineering, Mylavaram on 23/05/2020.
121. Attended a Leadership Talk Webinar by "Mr Mahesh Babu, CEO Mahindra Electric Mobility Ltd" organized by MHRD's Innovation Cell on 23/05/2020.

122. Attended a webinar on "Implementation of Machine Learning in E-Commerce" organized by IOT Academy in association with E & CT Academy & IIT Guwahati on 23/05/2020.
123. Attended a webinar on "Transformation of Classroom for Teaching & Learning" organized by Inovexic, Hyderabad on 22/05/2020.
124. Participated in a 5 Day Faculty Development Program through Online Mode on "Artificial Intelligence & Machine Learning" organized by CMR Technical Campus & Black Bugs, Hyderabad during 18/05/2020 to 22/05/2020.
125. Attended a webinar on "5G Applications and Autonomous Cars" organized by IOT Academy in association with E & CT Academy & IIT Guwahati on 21/05/2020.
126. Attended a webinar on "Social Network Analysis through Node XL" organized by CS Dept, Bhavans Vivekananda, Secundrabad on 19/05/2020.
127. Attended a webinar on "Deployment Challenges of IOT" organized by IOT Academy in association with E & CT Academy & IIT Guwahati on 19/05/2020.
128. Attended a webinar on "Effective Research work using online platform during pandemic like COVID19" organized by Research cell, Dayananda Sagar College of Arts, Science and Commerce, Bangalore on 18/05/2020.
129. Attended a webinar on "Entrepreneurship Development: Idea, Business Model and Business Plan" organized by Institution's Innovation Cell (IIC)- MHRD innovation Cell on 18/05/2020.
130. Participated in a 5 Day Faculty Development Program through Online Mode on "Cyber Security" organized by ATAL Academy, AICTE & NITTR, Chandigarh during 14/05/2020 to 18/05/2020.
131. Attended a webinar on "LPWAN Designs and Applications" organized by IOT Academy in association with E & CT Academy & IIT Guwahati on 17/05/2020.
132. Attended a Leadership Talk Webinar by "Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited" organized by MHRD's Innovation Cell on 16/05/2020.
133. Attended a webinar on "ICT – An Efficient Tool for effective Teaching" organized by CS Dept, Bhavans Vivekananda, Secundrabad on 16/05/2020.
134. Attended a webinar on "Career path in Cyber security and preparing for IT" organized by Cyber Security Center of Excellence, DSCI, Hyderabad on 16/05/2020.
135. Attended a webinar on "Industry 4.0: Convergence of Technology" organized by IOT Academy in association with E & CT Academy & IIT Guwahati on 16/05/2020.
136. Attended a webinar on "Dream Career in Cyber Security" organized by Cyber Security and Ethical Hacking Technical Club, Prathyusha Engineering College on 15/05/2020.
137. Attended a webinar on "Innovation Risk Diagnostic — Product Innovation Rubric (PIR)" organized by Institution's Innovation Cell (IIC)- MHRD innovation Cell on 15/05/2020.
138. Attended a webinar on "Cyber Security Awareness" organized by IT Dept, G.V.G Visalakshi College for Women, Udumalpet on 14/05/2020.
139. Attended a webinar on "Block-chain in Management & Finance" organized by IQAC, IT Dept, Thakur College of Science and Commerce, Mumbai on 14/05/2020.
140. Attended a webinar on "Understanding Role and Application of Marketing Research at Idea to StartUp Stage – Foundation Level" organized by Institution's Innovation Cell (IIC)- MHRD innovation Cell on 14/05/2020.
141. Attended a webinar on "Research Manuscript Writing: Skills and Ethical Misconducts" organized by IQAC, IT Dept, Thakur College of Science and Commerce, Mumbai on 14/05/2020.
142. Attended a webinar on "Innovating Self- Screen and Identify right opportunities" organized by Institution's Innovation Cell (IIC)- MHRD innovation Cell on 13/05/2020.
143. Attended a webinar on "Research Workflows, Research Metrics and Excellence in Academic Institutes" organized by AICTE & Elsevier on 12/05/2020.
144. Attended a webinar on "Legal and Ethical Steps – Productive Entrepreneurship and StartUp" organized by Institution's Innovation Cell (IIC)- MHRD innovation Cell on 12/05/2020.
145. Successfully Completed "AI for Every One" an online non-credit course authorized by deeplearning.ai and offered through Coursera on 11-05-2020.

146. Successfully Completed "Introduction to Cyber security Tools & Cyber Attacks" an online non-credit course authorized by IBM and offered through Coursera on 11-05-2020.
147. Attended a Leadership Talk Webinar by "Prof D. P. Singh, Chairman UGC" organized by MHRD's Innovation Cell on 09/05/2020.
148. Attended a one day Workshop through Online Mode on "NBA" organized by Bharathi Vidyapeeth College of Engineering on 09/05/2020.
149. Attended a webinar on "Effective Conduct of Online Classes" organized by Sri Eshwar College of Engineering, Chennai on 08/05/2020.
150. Attended a webinar on "Understanding Angel and Venture Capital Funding – What is there for Early Stage innovator & Entrepreneurs" organized by Institution's Innovation Cell (IIC)- MHRD innovation Cell on 08/05/2020.
151. Attended a webinar on "Cyber Security Readiness during Covid-19 pandemic scenario" organized by DSCI, Hyderabad on 07/05/2020.
152. Attended a webinar on "Intellectual Property (IP) Management at Early Stage of Innovation and Start-ups" organized by Institution's Innovation Cell (IIC)- MHRD innovation Cell on 07/05/2020.
153. Attended a webinar on "How to Identify Right Problem and Solution using the Double Diamond Approach in Design" organized by Institution's Innovation Cell (IIC)- MHRD innovation Cell on 06/05/2020.
154. Attended a webinar on "Transformation of Education & Role of E-Learning Post COVID19" organized by TiETalksEdu, Hyderabad on 05/05/2020.
155. Attended a webinar on "Entrepreneurship, Business Idea and Business Model Canvas" organized by Institution's Innovation Cell (IIC)- MHRD innovation Cell on 05/05/2020.
156. Attended a webinar on "Hangout with Successful Startup Founder and Learn Design thinking Approach for Hardware Innovation" organized by Institution's Innovation Cell (IIC)- MHRD innovation Cell on 04/05/2020.
157. Participated in a one week Faculty Development Program through Online Mode on "Moodle – Learning Management System" organized by Singhad Institute of Technology & IIT Mumbai during 01/05/2020 to 06/05/2020.
158. Attended a webinar on "Ransomware Trends with a focus on MAZE" organized by DSCI, Hyderabad on 30/04/2020.
159. Attended a webinar on "Hangout with Emerging Innovator & Entrepreneurs" organized by Institution's Innovation Cell (IIC)- MHRD innovation Cell on 30/04/2020.
160. Attended a webinar on "ReThinking Data Protection Strategies", organized by DSCI, Hyderabad on 29/04/2020.
161. Attended a webinar on "Incubation & Incubation Facility Management", organized by Institution's Innovation Cell (IIC)- MHRD innovation Cell on 29/04/2020.
162. Attended a webinar on "Towards Explainable AI", organized by NPTEL in association with IIT Chennai on 22/04/2020.
163. Participated in a one week Faculty Development Program through Online Mode on "Internet of Things" organized by ATAL Academy, AICTE & NITTTR, Chandigarh during 10/04/2020 to 14/04/2020.
164. Attended a webinar on "Cyber Security" organized by Cisco Networking Academy on 09/04/2020.
165. Participated in a one month Faculty certification Training Program on "Cyber Security Professional" at ZOOM Technologies, Hyderabad during 30/01/2020 to 28/02/2020.
166. Attended a Talk and Discussion on "Access to Research Process – Schools of Thought", organized by Dept. of CSE, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad on 18/10/2019.
167. Participated in a one week AICTE – ISTE Refresher Program on "Computational Intelligence using Machine Learning Techniques", organized Dept. of CSE, Matrusri Engineering College, Saidabad, Hyderabad during 23/07/2018 to 28/07/2018.
168. Participated in a one week faculty development program on "Python and R Programming", organized by E & ICT Academy, National Institute of Technology (NIT), Warangal at Matrusri Engineering College, Saidabad, Hyderabad during 16/07/2018 to 22/07/2018.
169. Attended a 2 day faculty development workshop on "Pedagogy Techniques & Teaching and Learning Methods", organized by Teaching Learning Center, IIT Hyderabad during 27/02/2018 to 28/02/2018.
170. Participated in a one week workshop on "Research Methodology", organized by R & D, JNTUH Hyderabad during 01/05/2017 to 06/05/2017.

Details of Journal Publications/  
Conferences (National and  
International)

1. Yogitha A, **M Venkata Krishna Reddy**, K.Spandana, et.al (April 2024) "From Pixels to Phrases: Advancements in VQA with Deep learning Models", International Conference on Applied Mathematics and Advanced Data Analytics for Industry 5.0 (ICAMADA-2024) organized by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, in association with Indian Society of Remote Sensing (ISRS), Andhra Pradesh & Telangana Society for Mathematical Sciences (APTSMS), and Cyber Security Center of Excellence (CCoE) from April 25 to 27, 2024. –**IEEE**
2. G. Vijender Reddy, **M Venkata Krishna Reddy**, K.Spandana, et.al (February 2024) "Precision farming practices with data-driven analysis and machine learning-based crop and fertiliser recommendation system", International Conference on Futuristic Trends in Engineering, Science & Technology (ICFTEST-2024), E3S Web of Conferences, Article Number : 01708, Volume 507, 2024, organized at Nagpur Institute of Technology, Nagpur, India during Feb 23-24, 2024  
–**Scopus**. <https://doi.org/10.1051/e3sconf/202450701078>
3. **M Venkata Krishna Reddy**, K.Spandana, Dr. E. Padmalatha, Ch. Madhavi Sudha (February 2024) "Identification of Stress in IT Professionals using Convolutional Neural Network", International Conference on Knowledge Engineering & Artificial Intelligence (ICKEAI-2024) organized by St. Peter's Engineering College, Hyderabad during February 16<sup>th</sup> and 17<sup>th</sup>, 2024 –**Scopus**.
4. Nandini Nenavath, Chintala Sai Akshitha, **M Venkata Krishna Reddy** (February 2024) "DECISION SUPPORT SYSTEM FOR SUSTAINABLE FARMING", International Conference on Knowledge Engineering & Artificial Intelligence (ICKEAI-2024) organized by St. Peter's Engineering College, Hyderabad during February 16<sup>th</sup> and 17<sup>th</sup>, 2024 –**Scopus**.
5. Ch. Pavan Harshit, Satvik Yadav Elitem, **M Venkata Krishna Reddy** (February 2024) "Implementation of Novel Voice Cloning Method based on Comprehensive Review of Voice Cloning Technologies: Methodology, Applications, and Future Directions", International Conference on Knowledge Engineering & Artificial Intelligence (ICKEAI-2024) organized by St. Peter's Engineering College, Hyderabad during February 16<sup>th</sup> and 17<sup>th</sup>, 2024 –**Scopus**.
6. JMS Abhinav, G. Nithish Rao, **M Venkata Krishna Reddy** (February 2024) "Detection and Proactive Prevention of Website Swindling Using Hybrid Machine Learning Model", International Conference on Knowledge Engineering & Artificial Intelligence (ICKEAI-2024) organized by St. Peter's Engineering College, Hyderabad during February 16<sup>th</sup> and 17<sup>th</sup>, 2024 –**Scopus**.
7. **M Venkata Krishna Reddy**, G.Mamatha, Dr. E. Padmalatha (September 2023) "A Trusted Routing Scheme using Reinforcement Model in Mobile Adhoc Networks", 9<sup>th</sup> International Conference on Computers, Management & Mathematical Sciences (9<sup>th</sup> ICCM-2023) organized by North Eastern Regional Institute of Science and Technology (NERIST), Arunachal Pradesh, India in collaboration with California State University, USA & emlyon Business School, France, International Association of Academicians, USA during August 24<sup>th</sup> and 25<sup>th</sup>, 2023 – **Scopus, Web of Science, DBLP**
8. Venkata Sai Kaushik Reddy Mitta, Venkat Sai Yeswanth Reddypalli, **M Venkata Krishna Reddy** (September 2023) "Enhancing Security Through Trust Evaluation Using Hidden Markov Model in VANETs", 9<sup>th</sup> International Conference on Computers, Management & Mathematical Sciences (9<sup>th</sup> ICCM-2023) organized by North Eastern Regional Institute of Science and Technology (NERIST), Arunachal Pradesh, India in collaboration with California State University, USA & emlyon Business School, France, International Association of Academicians, USA during August 24<sup>th</sup> and 25<sup>th</sup>, 2023 –**Scopus, Web of Science, DBLP**

9. Jaswanth Lagadapati, Sandeep Kumar, **M Venkata Krishna Reddy**, (September 2023) "Predicting Network Traffic in Wireless Mesh Network", 9<sup>th</sup> International Conference on Computers, Management & Mathematical Sciences (9<sup>th</sup> ICCM-2023) organized by North Eastern Regional Institute of Science and Technology (NERIST), Arunachal Pradesh, India in collaboration with California State University, USA & emlyon Business School, France, International Association of Academicians, USA during August 24<sup>th</sup> and 25<sup>th</sup>, 2023 – **Scopus, Web of Science, DBLP**
10. **M Venkata Krishna Reddy**, Dr. P.V.S. Srinivas, Dr. M. Chandra Mohan (January 2023) "Trust Adaptability Model for Efficient Routing Based on Comprehensive Review over Manet Security Issues and Challenges", 2<sup>nd</sup> International Conference on Computational Intelligence and Data Engineering (ICCIDE-2023) held at Vidyajyothi Institute of Technology, Hyderabad. January 6<sup>th</sup> and 7<sup>th</sup>, 2023 – **published in** International Journal For Innovative Engineering and Management Research, Volume 12, Issue 01, PP : 276-298. DOI: 10.48047/IJIEMR/V12/ISSUE 01/27. **Elsevier**
11. **M Venkata Krishna Reddy**, Dr. P.V.S. Srinivas, Dr. M. Chandra Mohan (April 2022) "Quantifying Nodes Trustworthiness using Hybrid Approach for Secure Routing in Mobile Ad hoc Networks", 6<sup>th</sup> International Conference on Advances in Computing and Data Sciences (ICACDS-2022) April 22-23, 2022 – ISBN: 978-3-031-12637-6, ICACDS 2022, Part I, CCIS 1613. DOI : 10.1007/978-3-031-12638-3\_29. **Springer Proceedings.**
12. Dr. R.Ravinder Reddy, **M Venkata Krishna Reddy**, Dr. L.Raghavender Raju (February 2022) "Association and Correlation Analysis for Predicting the Anomaly in the Stock Market", 7<sup>th</sup> International Conference on Information System Design and Intelligent Applications (INDIA – 2022) February 25-26, 2022, ISBN: 978-981-19-4862-6, **Springer Proceedings**, [https://link.springer.com/chapter/10.1007/978-981-19-4863-3\\_24](https://link.springer.com/chapter/10.1007/978-981-19-4863-3_24)
13. Dr. S.Pradeep, Dr. Sreeram G, **M Venkata Krishna Reddy** (July 2021) " Online Mail Junk Penetration by using Genetic Algorithm probabilistic weights and word compute", 2<sup>nd</sup> International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks, 20 & 21<sup>st</sup> August 2021, JNTU Kakinada. - ISBN: 978-981-16-9884-2 - PP – 357-369.  
[https://link.springer.com/chapter/10.1007/978-981-16-9885-9\\_30](https://link.springer.com/chapter/10.1007/978-981-16-9885-9_30)  
[https://doi.org/10.1007/978-981-16-9885-9\\_30](https://doi.org/10.1007/978-981-16-9885-9_30) **Springer Proceedings.**
14. **Venkata Krishna Reddy M**, Dr.R.Ravinder Reddy (May 2021) "Ground Water Level Analysis & Prediction", 2nd National Conference on Computational Methods, Data Science and Applications, organized by Dept. of Computer Science and Information Technology, School of Technology, Maulana Azad National Urdu University, Hyderabad on 24 & 25<sup>th</sup> May 2021. ISBN: 978-81-953418-4-9
15. **M Venkata Krishna Reddy**, Dr.R.Ravinder Reddy (April 2021) " A Trust Based Method for Providing Secure Data Transmissions in Mobile Adhoc Networks", International Conference on Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021), Organized by Dept. of CSE, ECE, EEE, IT and MCA, CBIT, Hyderabad on 3 & 4<sup>th</sup> April 2021. ISBN: 978-1-68576-062-5

#### National /International Journal :

1. G. Kiran Kumar, S K Prasanth, Dr. E. Padama Latha, **M Venkata Krishna Reddy**, et.al (March 2024), "An optimized meta-heuristic clustering-based routing scheme for secured wireless sensor networks", International Journal of Communication Systems (IJCS), ISSN : 1074-5351, wileyonlinelibrary.com/journal/dac. pp. 01 – 19, (March 2024), Impact Factor – 1.882, Quartile – Q2, Publisher – Willey, H Index – 62, <https://doi.org/10.1002/dac.5791> **SCI, Scopus Indexed – Q2**
2. Dr. E. Padama Latha, **M Venkata Krishna Reddy**, T. Suvarna Kumari, Kabbeeruddin (October 2023), "Detection of Android Malware using Feature Selection with a Hybrid Genetic Algorithm and Simulated Annealing (SVM and DBN)", International Journal on Recent and Innovation Trends in Computing and

Communication (IJRITCC), ISSN : 2321 -8169, Vol. 11, Issue : 10. pp. 1481 – 1487, (October 2023), <https://ijritcc.org/index.php/ijritcc/article/view/8698>

DOI : <https://doi.org/10.17762/ijritcc.v11i10.8698> **Scopus Indexed**

3. **M Venkata Krishna Reddy**, Dr. P.V.S. Srinivas, Dr. M. Chandra Mohan (March 2023), “Energy Efficient Routing with Secure and Adaptive Trust Threshold Approach in Mobile Ad hoc Networks”, The Journal of Supercomputing (JSC), Print ISSN : 0920-8542, E-ISSN: 1573-0484, Vol. 79 , No.7. online, (March 2023), DOI : 10.1007/s11227-023-05187-2. **SCI, SCIE, DBLP, Scopus**
4. **M Venkata Krishna Reddy**, Dr. P.V.S. Srinivas, Dr. M. Chandra Mohan (August 2022), “A Novel Trust Adaptability Approach for Secure Data Transmissions using Enhanced Collaborative Nodes Trustworthiness in Mobile Ad-hoc Network”, Indian Journal of Science and Technology (IJST), ISSN : 0974-6846, Vol. 15 , No.33. pp. 1613 – 1623, (August 2022), DOI : <https://doi.org/10.17485/IJST/v15i33.663>. **Web of Science**
5. **M Venkata Krishna Reddy**, Dr. P.V.S. Srinivas, Dr. M. Chandra Mohan (July 2022), “Enhancing the Routing Security through Node Trustworthiness using Secure Trust Based Approach in Mobile Ad Hoc Networks”, International Journal of Interactive Mobile Technologies (IJIM), ISSN : 1865-7923, Vol. 16 , No.14. pp. 152 – 170, (July 2022), DOI : <https://doi.org/10.3991/ijim.v16i14.30651>. **Scopus, DBLP Indexing.**
6. **M Venkata Krishna Reddy**, Dr. P.V.S. Srinivas, Dr. M. Chandra Mohan (May 2022) “Assessing Node Trustworthiness through Adaptive Trust Threshold for Secure Routing in Mobile Ad Hoc Networks”, International Journal of Advanced Computer Science and Applications (IJACSA), ISSN : 2158-107X, Vol 13, No 4, (May 2022), pp. 224 – 231, DOI : [10.14569/IJACSA.2022.0130426](https://doi.org/10.14569/IJACSA.2022.0130426), **Scopus, Web of Science.**
7. A. Sucharitha Dr. S.China Ramu, **M Venkata Krishna Reddy** (August 2021) “ An Attribute-Based Controlled Collaborative Access Control Scheme For Public Cloud Storage ”, International Journal of Analytical and Experimental Modal Analysis - IJAEMA, ISSN : 0886-9367, Vol 18, Issue 8 (August 2021), pp. 739 – 745. DOI:18.0002.IJAEMA.2021.V13I8.200001.01568590445
8. M Venkata Krishna Reddy, Dr. R. Ravinder Reddy, Dr. E. Padmalatha (June 2021) “ Packet Filtering Approach for Attack Detection in Networks”, Journal of Huazhong University of Science and Technology, ISSN : 1671-4512, Vol 50, Issue 6 (June 2021).
9. B. Ramana Reddy, **M Venkata Krishna Reddy** (June 2021) “ Load Balancing Algorithm to reduce the cost in Cloud Computing ”, International Journal of Analytical and Experimental Modal Analysis - IJAEMA, ISSN : 0886-9367, Vol 18, Issue 6 (June 2021), pp. 2679 – 2683.
10. **M Venkata Krishna Reddy**, Dr. S. Pradeep (April 2021) “ Envision Foundational of Convolution Neural Network ”, International Journal of Innovative Technology and Exploring Engineering– IJITEE, ISSN : 2278-3075, Vol 10, Issue 6 (April 2021), pp. 54 – 60. DOI : <https://doi.org/10.35940/ijitee.f8804.0410621>
11. **M Venkata Krishna Reddy**, B Ramana Reddy (April 2021) “ A Novel Alarm System Approach using IoT for Safe Guarding Trees in Forests and Farm Lands”, Journal of Interdisciplinary Cycle Research – JICR, ISSN : 0022-1945, Vol 8, Issue 4, DOI:18.0002.JICR.2021.V13I4.008301.3171228582 (April 2021), pp. 504 – 514.
12. **M Venkata Krishna Reddy**, Dr.S.Pradeep and L.Raghavender Raju (March 2020) “Applications in Social Mobile Analytics Cloud Integration Testing Strategy “, International Journal of Advanced Science and Technology-IJAST, ISSN : 2005-4238, Vol. 29, No. 03, (March 2020), pp. 6134 – 6143. **Scopus**

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