


1	Name of Faculty	Dr.Garlapati Narayana	
2	Designation	Associate Professor	
3	Nature of Job/Appointment	Contract	
4	Date of Joining	28 th August, 2023	
5	E-mail	narayanag_cseaiml@cbit.ac.in	
6	Education Qualifications	Name of the Degree	Class
	(Ph. D)	Doctor of Philosophy (CSE) from JNTUH, Hyd	Awarded
	PG	M. Tech. (CS) From JNTUHCE, Hyderabad	First Class with Distinction
	UG	B. Tech. (CSE) From KLCE, ANU, Guntur	Second
7	Work Experience		
	Teaching	27 Years	
	Research	15 Years	
	Industry	--	
	Others	----	
8	Area of Specialization	Computer Networks, Mobile Adhoc Networks and Network Security	
9	Professional Memberships	<p>PROFESSIONAL EXPERIENCE</p> <p>[1] Presently working as Associate Professor in the Department of Computer Science and Engineering (AI&ML), Chaitanya Bharathi Institute of Technology (CBIT), Gandipet, Hyderabad, from 28 August 2023 to Till Date.</p> <p>[2] Worked as Associate Professor in the Department of Data Science (CSE), CVR College of Engineering, Mangalpally, Hyderabad, from May 2022 to August 2023.</p> <p>[3] Worked as Professor & Head of the Department (HOD), Computer Science and Engineering, Sri Indu Institute of Engineering and Technology (SIET), Hyderabad, from 2020 to 2022.</p> <p>[4] Worked as Associate Professor in the Department of Computer Science and Engineering, Joginpally B.R. Engineering College (JBREC), Hyderabad, from 2012 to 2020.</p> <p>[5] Worked as Associate Professor & Head of the Department (HOD), Computer Science and Engineering, Pulipati Prasad Institute of Technology and Science (PPIT), Khammam, from 2009 to 2012.</p> <p>[6] Worked as Associate Professor & Head of the Department (HOD), Computer Science and Engineering, SRR Engineering College (SRREC), Karepally, from 2007 to 2009.</p> <p>[7] Worked as Associate Professor in the Department of Computer Science and Engineering, Anurag Engineering College (AEC), Kodad, from 2006 to 2007.</p> <p>[8] Worked as Assistant Professor in the Department of Computer Science and Engineering, Vazir Sultan College of Engineering, Khammam, from 1998 to 2006.</p> <p>PROFESSIONAL BODY MEMBERSHIPS</p>	

		<p>[1] Life Member, Indian Society for Technical Education (ISTE), Membership No.: LM 48047.</p> <p>[2] Member, Association for Computing Machinery (ACM), Membership No.: 1922265.</p> <p>[3] Nominee Member, Computer Society of India (CSI), Membership No.: M10810.</p> <p>[4] Member, International Association of Engineers (IAENG), Membership No.: 289012.</p>
10	Responsibilities held at Institution Level	<p>[1]. SPOC for AI – Foundation & Advanced Winter Up Skilling 2024 (Hexart).</p> <p>[2]. SPOC for CISCO Winter Up Skilling 2024.</p> <p>[3]. SPOC for MoU with Li2 Solutions, Bangalore, at Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad, 2024.</p> <p>[4]. SPOC for MoU with Ancilum Solution Private Limited, Gachibowli, Hyderabad, at Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad, 2025.</p> <p>[5]. Anti-Ragging Committee Member, Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning), Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad.</p> <p>[6]. Dean – Life Skills, Joginpally B.R. Engineering College (JBREC), Moinabad, Hyderabad.</p> <p>[7]. Dean – Co-curricular and Extra-curricular Activities, Joginpally B.R. Engineering College (JBREC), Moinabad, Hyderabad.</p> <p>[8]. Member, NIRF Steering Committee, Joginpally B.R. Engineering College (JBREC), Hyderabad.</p> <p>[9]. Intellectual Property Rights (IPR) Coordinator, Sri Indu Institute of Engineering and Technology (SIJET), Sheriguda, Hyderabad.</p>
11	Responsibilities held at Department Level	<p>[1]. Placement Coordinator, Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning), Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad.</p> <p>[2]. Faculty Mentor, VII Semester B.E. (Computer Science and Engineering – Artificial Intelligence & Machine Learning), Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad.</p> <p>[3]. Class In-Charge for VI Semester B.E. (Artificial Intelligence & Machine Learning), Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad.</p> <p>[4]. NAAC Coordinator (Criterion–V), Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad.</p> <p>[5]. NBA Coordinator (Criterion–IV), Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad.</p> <p>[6]. Value Added Courses and Skill Development/Certification Courses Coordinator for all sections (6 sections), Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad.</p> <p>[7]. Mentor for Certification Courses, Hackathon, Viswam AI, and NPTEL Certifications.</p> <p>[8]. NBA Coordinator (Criterion–V), Sri Indu Institute of Engineering and Technology (SIJET), Sheriguda, Hyderabad.</p>

		<p>[9]. Head of the Department (HOD), Department of Computer Science and Engineering, Sri Indu Institute of Engineering and Technology (SIET), Sheriguda, Hyderabad.</p> <p>[10]. Head of the Department (HOD), Department of Computer Science and Engineering, Pulipati Prasad Institute of Technology and Science (PPIT), Khammam.</p> <p>[11]. Head of the Department (HOD), Department of Computer Science and Engineering, SRR Engineering College (SRREC), Karepally, Khammam.</p> <p>[12]. Head of the Department (HOD), Department of Computer Science and Engineering, Teegala Venkata Reddy College of Engineering (TVRCE), Khammam.</p> <p>[13]. R&D Cell Department Coordinator, Department of Computer Science and Engineering, Joginpally B.R. Engineering College (JBREC), Moinabad, Hyderabad.</p> <p>[14]. ICT Coordinator, Department of Computer Science and Engineering, Joginpally B.R. Engineering College (JBREC), Moinabad, Hyderabad.</p> <p>[15]. NBA Coordinator, Department of Computer Science and Engineering, Joginpally B.R. Engineering College (JBREC), Moinabad, Hyderabad.</p> <p>[16]. Department Academic Coordinator, Joginpally B.R. Engineering College (JBREC), Hyderabad.</p> <p>[17]. Department Admission Committee Coordinator, Joginpally B.R. Engineering College (JBREC), Hyderabad.</p> <p>[18]. Department Disciplinary Committee Coordinator, Joginpally B.R. Engineering College (JBREC), Hyderabad.</p> <p>[19]. Department Virtual Laboratory Coordinator, Joginpally B.R. Engineering College (JBREC), Hyderabad.</p>	
12	Research Guidance	-----	
13	Awards Received	Best teacher award from Professor Dr.Amrutha Rao Educational Society Presents Telangana State Best Teacher Award 2024 on 14th September 2024	
14	Courses Handled at Under Graduate / Post Graduate Level.	Computer Networks, Cryptography&Network Security, Compiler Design, Formal Languages and Automata theory, Object Oriented Analysis and Design, Operating Systems, Adhoc and Sensor Networks, Computer Organization, C& Data Structures and Discrete Mathematics.	
15	NPTEL Online Certification Courses Done:	<p>[1].NPTEL Certified on “Introduction to Machine Learning” Course from NPTEL SWAYAM during July-Oct 2022 at CVR College of Engineering, Mangalapally, Hyderabad.</p> <p>[2]. NPTEL Certified on “Computer Networks” Course from NPTEL SWAYAM during July -Nov 2019, at Joginpally B.R. Engineering College, Moinabad, Hyderabad.</p>	
15	No. of Papers Published	National Journals –00	International Journals – 26
		National Conference – 04	International Conference – 10
16	Projects Carried out	B.Tech Projects carried out - 50 M.Tech Project carried out – 10	
17	Patents	<p>[1]. Indian Patent on “Cloud Based Healthcare Monitoring System Using IoT”. published on 07-05-2025. (Published).</p> <p>[2]. Indian Patent on “Machine Learning Classifier on Chronic Kidney Disease”, application no. 202441007148, published on 29-03-2024. (Published).</p> <p>[3]. Indian Patent on “An Intelligent Predictive Maintenance System for Clutch Assemblies Using Edge AI and Pressure Sensor Data”, published on 22-03-2024. (Published).</p>	

		<p>[4]. Indian Patent on “Deep Learning based Intrusion Detection System (DLID) for IoT Networks in Smart Cities”, published on 13-08-2021. (Published).</p> <p>[5]. International Patent on “IMCP- High Stake Examinations: Intelligent Method for Conducting High Stake Examinations using Machine Learning Platform”, granted on 07-01-2021 from Australian Patent. (Granted).</p>
18	Technology Transfer	<p>[1] Delivered a session on Body Language in JBREC</p> <p>[2] Bhaskara Pharmacy College, Moinabad, Hyderabad.</p>
19	Invited Speaker	<p>[1]. The International Conference on Advancements in Computational Intelligence and Machine Learning (ICACIML-2026), scheduled to be held on March 26–27, 2026 at IcfaiTech, IFHE.</p> <p>[2]. Reviewer for International Conference on Artificial Intelligence and Data Science (ICAIDS-2022), organized by Sreyas Institute of Engineering and Technology, Hyderabad, held during 10–12 March 2022.</p> <p>[3]. Reviewer for First International Conference on Artificial Intelligence Trends and Pattern Recognition (ICAITPR), organized by Vardhaman College of Engineering, Hyderabad, held during 10–12 March 2022.</p>
20	No. of Books/Chapter Published with details	<p>[1] “Object Oriented Programming with C++”, ISBN Number: 978-1-6781-8944-0, lulu Publishing, 3101, Hillsborough St., Raleigh, NC 27607, United States, February-2022.</p> <p>[2] “Network Security”, ISBN Number: 978-81-949705-8-3, BH International Publications, Hyderabad, Page No.1-200.</p> <p>[3] “Introduction to Internet of Things”, ISBN Number: 978-81-949705-5-2, BH International Publications, Hyderabad, Page No.1-223.</p>
21	Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.O ther Trainings (Attended and/or Organized).	<p>CONFERENCES / EVENTS / FDPs ORGANIZED</p> <p>[1]. One Week Online International Faculty Development Program (IFDP) on “Next-Gen AI for a Sustainable Future: LLMs, RAG, and Agentic Systems”, organized in association with ACM Chapter by the Department of Artificial Intelligence and Machine Learning, Chaitanya Bharathi Institute of Technology (Autonomous), held during 22–27 June 2026.</p> <p>[2]. One Week Online International Faculty Development Program (FDP) on “Applied Deep Learning”, organized in association with ACM Chapter by the Department of Artificial Intelligence and Machine Learning, Chaitanya Bharathi Institute of Technology (Autonomous), held during 19–24 May 2025.</p> <p>[3]. Two Week Winter School on “Computer Vision and Speech Processing” (Online Short Term Training Program), organized in association with ACM Chapter by the Department of Artificial Intelligence and Machine Learning, Chaitanya Bharathi Institute of Technology (Autonomous), held during 09–21 December 2024.</p> <p>[4]. Organizing Committee Member for the One-Week Offline & Online Event on “Modern Artificial Intelligence and Engineering Applications – ISTE CVR Student Chapter”, CVR College of Engineering, Mangalpally, Hyderabad, held during 20–24 December 2023.</p> <p>[5]. Convener for the One-Day Webinar on “Building Gap between Academics and Industry by Understanding Hybrid Cloud in Real World”, sponsored under AICTE-SPICES Grant-in-Aid and organized by the Department of Computer Science and Engineering, Sri Indu Institute of Engineering and Technology, Hyderabad, held on 29 June 2021.</p> <p>[6]. Convener for the One-Day Webinar on “Conceptual Modalities in Blockchain Technology”, sponsored under AICTE-SPICES Grant-in-Aid and organized by the Department of Computer Science and Engineering, Sri Indu Institute of Engineering and Technology, Hyderabad, held on 11 June 2021.</p>

[7]. Organized Co-curricular and Extracurricular Activities at Jotinpally B.R. Engineering College (JBREC), Hyderabad, during 2020.

[8]. Organized the National Conference on “Advancements and Innovations in Engineering Technology and Management (AIETM-2014)”, JBREC, Hyderabad, held during 19–20 March 2014.

[9]. Organized the National Conference on “Advancements and Innovations in Engineering Technology and Management (AIETM-2015)”, JBREC, Hyderabad, held during 4–5 September 2015.

[10]. Organized the 1st International Conference on “Advancements and Innovations in Engineering, Technology and Management (ICAIETM-2017)”, JBREC, Hyderabad, held during 28–29 December 2017.

FDPs / WORKSHOPS / SEMINARS / WEBINARS ATTENDED

[1]. Participated in the One Day National Leadership Summit on “Academic and Administrative Leadership in Higher Educational Institutions: Pathways to Good Governance, Accountability, Responsibility and Role Clarity”, held at CBIT, Hyderabad, on 28 February 2026.

[2]. Participated in the One Day National Conclave on “Shaping the Future: Curriculum Transformation for Enhanced Employability in Higher Educational Institutions”, held at CBIT (Autonomous), Hyderabad, on 08 January 2026.

[3]. Successfully completed ATAL FDP on “Quantum Computing Foundations and Applications”, conducted by MGIT (Autonomous), Hyderabad, held during 07–12 May 2025.

[4]. Participated in the FDP on “Data Analytics” under the Corporate Social Responsibility Initiative, conducted by Infosys BPM Ltd., Mysore, held during 17–19 June 2025.

[5]. Participated in the Summer School on “Generative AI for Image Processing and Health Care”, organized by the CSE Department, Ecole Centrale School of Engineering, Mahindra University, Hyderabad, held during 07–09 May 2025.

[6]. Participated in the 40 Hours FDP on “Advanced Machine Learning Techniques: From Concepts to Real World Implementation”, sponsored by MeitY and organized by NIT Warangal in association with CBIT, Hyderabad, held during 03–12 February 2025.

[7]. Participated in the Electronics & ICT sponsored One-Week FDP on “Recent Advances in Cyber Security and Artificial Intelligence”, organized by E&ICT Academy, NIT Warangal, at CVR College of Engineering, Hyderabad, held during 06–16 June 2022.

[8]. Successfully completed AICTE-ATAL Academy Online FDP on “Blockchain”, conducted by JSS Academy of Technical Education, held during 18–22 January 2021.

[9]. Successfully completed AICTE-ATAL Academy Online FDP on “Internet of Things (IoT)”, conducted by Kongunadu College of Engineering and Technology, held during 25–29 January 2021.

[10]. Participated in the AICTE-approved Two-Month FDP on “Pedagogy for Online and Blended Teaching-Learning Process”, conducted by IIT Bombay under PMMMNMTT, held during 30 October–13 December 2018.

[11]. Participated in the AICTE-approved One-Week FDP on “Foundation Program in ICT for Education”, conducted by IIT Bombay at JBREC, Hyderabad, held during 13–18 October 2018.

[12]. Participated in the Two-Day FDP on “Introduction to R Programming”, conducted by ICT Academy at JBREC, Hyderabad, held during 19–20 September 2018.

		<p>[13]. Participated in the Three-Day FDP on “Effective Teaching Methodology”, conducted by ISTE Telangana Section and JBREC, Hyderabad, held during 03–05 July 2018.</p> <p>[14]. Participated in the MeitY-sponsored One-Week FDP on “Real Time Embedded Systems and IoT – Its Applications”, organized by E&ICT Academy, NIT Warangal, held during 09–14 April 2018.</p> <p>[15]. Participated in the Electronics & ICT sponsored One-Week FDP on “Internet of Things (IoT)”, organized by E&ICT Academy, NIT Warangal at JBREC, Hyderabad, held during 09–14 October 2017.</p> <p>[16]. Participated in the Two-Week FDP on “Software Engineering and Testing Methodologies”, organized by E&ICT Academy, NIT Warangal, held during 05–14 May 2017.</p> <p>[17]. Participated in the One-Week FDP on “Statistical Analysis with R”, organized by E&ICT Academy, NIT Warangal, at JBIET, Hyderabad, held during 18–23 March 2017.</p> <p>[18]. Participated in the National Level FDP on “Internet of Things with Raspberry Pi & Network Simulator (NS-2)”, organized by MGIT in association with Pantech ProEd Pvt. Ltd., held during 17–21 October 2016.</p> <p>[19]. Participated in the Two-Day FDP on “Microsoft Azure”, conducted by Microsoft at JBIET, Hyderabad, held during 14–15 March 2016.</p> <p>[20]. Participated in FDPs on “How to Become an Effective Teacher in Modern Times”, “Role of ICT in Enhancing Quality Education”, “Active and Adaptive Learning”, and “Communication Skills” at JBREC, Hyderabad, during 2013–2016.</p> <p>[21]. Participated in the Two-Week FDP on “Training of Trainers in Entrepreneurship Development (ToTED)”, sponsored by the Ministry of MSME, Government of India, held during 06–18 May 2013.</p> <p>[22]. Participated in the One-Day IP Awareness/Training Program under the National Intellectual Property Awareness Mission (NIPAM), organized by Intellectual Property Office, India, at CVR College of Engineering, Hyderabad, held on 09 May 2022 and 13 June 2022.</p> <p>[23]. Participated in the Capacity Building Workshop on “Cyber Physical System – Modelling, Simulation and Analysis”, organized by IEEE India Council and IEEE SRM Student Branch, held during 03–04 June 2022.</p> <p>[24]. Participated in the Webinar on “Tips to Write Quality Research Papers”, organized by SIMATS School of Engineering, Chennai, held on 14 June 2022.</p> <p>[25]. Participated in the Impact Lecture on “Disruptive Technologies for Data Scientist (Entrepreneurship Theme)”, organized by Sri Indu Institute of Engineering & Technology, Hyderabad, held on 15 June 2022.</p> <p>[26]. Participated in National Workshops on “Quality Enhancement Measures in Higher Education with Special Focus on NIRF Rankings” (2019), “AICTE Mandate – Examination Reforms and Outcome Based Education” (2019), and “Machine Learning & Predictive Analytics using R Programming” (2018).</p> <p>[27]. Participated in Workshops on “Cloud Computing”, “Database Management Systems”, “Research Methods in Educational Technology”, “Recent Trends in Data Mining and Network Security”, “WEB MANIA 2011”, and IBM-SDP “DB2 Tools” during 2010–2014.</p> <p>[28]. Participated in multiple webinars organized under AICTE-SPICES during 2021, including “Meeting the New Challenges in Advanced Digital Signal Processing & Applications”, “The Future of Education Employment on Optimization Techniques in 5G Technology”, and “6G Technology”.</p>
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		<p>[29]. Participated in NAAC Awareness Programme, NBA Awareness Programme, Outcome Based Education (OBE) Awareness Programme, COVID-19 Awareness Initiatives, and various online faculty development activities during 2020.</p> <p>[30]. Served as Coordinator for TECKFEST-2019 organized by JBREC, Hyderabad, held during 27–28 February 2019.</p> <p>[31]. Participated in the Two-Week Skill Development Program on “Microsoft Office”, organized by the Training & Placement Cell, JBREC, held during 22 November–05 December 2017.</p>
22	<p>Details of Journal Publications/Conferences (National and International)</p>	<p>International Journals</p> <p>[1]. Dr. G. Narayana, Dharani, D. Leela, Reddy, Yeruva Jaipal, Malsoru, Vankudothu, Kandadi, Ravikiranreddy, Mohan, Kunapuli Siva Satya, Ramana, Venkata, Palagani, Jyothsna, Pathuri, Siva Kumar, Haritha D., “Real-Time Food Classification Using VGG19 with Grad-CAM Visualization for Enhanced Interpretability”, <i>Journal of Theoretical and Applied Information Technology</i>, Vol. 104, No. 3, 2026, pp. 282–295, DOI: 10.5281/zenodo.18738472.</p> <p>[2]. K. Kranthi Kumar, Vinitha, Dr. G. Narayana, P. Venkata Hari Prasad, G. Mounika, R. Tamilselvi, Raghu, Srikanth B., “GDLAVID: Graph-Based Deep Learning Approach for Automatic Violence Detection in Videos”, <i>International Journal of Basic and Applied Sciences</i>, Scopus Indexed, 11 June 2025.</p> <p>[3]. Ramesh Babu Pittala, Ramakrishna Bomma, Veeraswamy Pittala, Medikonda Asha Kiran, Dr. G. Narayana, Solleti Phani Kumar, Manyam Thaile, Lakshmi Prasanna Byrapuneni, “Knowledge-Infused Transformer for Aspect Based Sentiment Analysis Using ConceptNet and SenticNet with Cross-Domain Generalization”, <i>Journal of Theoretical and Applied Information Technology (JATIT)</i>, Vol. 103, No. 15, 15 August 2025, ISSN: 1992-8645, pp. 5798–5804. (Scopus Indexed Journal)</p> <p>[4]. Srinivasulu Akasam, R. Rajasekar, Nareddy Sudha Rani, Niranjan A., Ch. Praveen Kumar, Dr. G. Narayana, G. Gopi Krishna, Murali Gundagani, “Optimising Water Quality Assessment: A Comparative Study of Machine Learning Algorithms for Imbalanced Potability Datasets”, <i>Journal of Mines, Metals and Fuels</i>, Vol. 73, No. 6, 2025, DOI: 10.18311/jmmf/2025/49103. ISSN: 0022-275. (Scopus Indexed Journal)</p> <p>[5]. Trivikrama Rao Battula, Dr. G. Narayana, Srinivasa Rao Ch., Narasimha Swamy, Prasad, “Real-Time E-Commerce Insights with Mean Shift Clustering: A Dynamic Approach to Customer Understanding”, <i>International Journal of Computational and Experimental Science and Engineering (IJCESEN)</i>, ISSN: 2149-9144.</p> <p>[6] “optimized Machine Learning Models for Enhanced Diabetes prediction through Hyper parameter Tuning approach”, <i>Asian Journal of Statistical Sciences(AJSS)</i>, India, Vol.5, 2025, pp-87-96, ISSN : 2582-9912.</p> <p>[7]. Rishitha Reddy Gudipati, Sruthika Bachu, Dr. G. Narayana, “Marine Plastic Debris Detection”, <i>International Research Journal of Engineering and Technology (IRJET)</i>, Vol. 11, No. 2, February 2024, ISSN: 2395-0072.</p> <p>[8]. Sarangam Kodeti, Meghavath Dhasaratham, Bodla Kishore, Dr. G. Narayana, “Hybrid Grasshopper and Harris Hawk Optimization Algorithm-Based Energy Efficient Routing Protocol for Extending Network Lifetime in Wireless Sensor Networks”, <i>International Journal of Communication Systems (Wiley)</i>, Vol. 37, No. 13, 2024, Article e5851. DOI: 10.1002/dac.5851. (SCI & Scopus Indexed Journal)</p> <p>[9]. Dr. G. Narayana, Uma Devi Manchala, Usikela Naresh, Saggurthi Kiran, Medikonda Asha Kiran, Ravi Kumar Ch., “Improving Phishing Website Detection with Machine Learning: Revealing Hidden Patterns for Better Accuracy”, <i>International Journal on Recent and Innovation Trends in Computing and Communication</i>, Vol. 11, No. 9, ISSN: 2321-8169, pp. 277–284. DOI: 10.17762/ijritcc.v11i9.8353.</p> <p>[10]. Ashu Abdul, Dr. G. Narayana, Mr. R. Radha Kishore, “LWC: Efficient Lightweight Block Ciphers for Providing Security to Constrained Devices – A Solution</p>

for IoT Devices”, *Journal of Theoretical and Applied Information Technology (JATIT)*, Vol. 101, No. 7, April 2023, ISSN: 1992-8645, pp. 2517–2525. (Scopus Indexed Journal)

[11]. **Dr. G. Narayana**, Dr. S. Venkata Achutarao, Mr. Usikela Naresh, “Prediction of Diseases Using Various Machine Learning Models”, *NeuroQuantology*, Vol. 20, No. 13, October 2022, ISSN: 1303-5150, pp. 1786–1792. (Scopus Indexed Journal)

[12]. **Dr. G. Narayana**, Dr. Thirumalai Selvan, Mr. Usikela Naresh, “Cryptography Algorithms for Providing Confidentiality, Authentication, Integrity, and Non-Repudiation (CAIN) for MANETs”, *International Journal of Analytical and Experimental Modal Analysis (IJAEMA)*, Vol. 13, No. 10, October 2021, ISSN: 0886-9367, pp. 754–763.

[13]. **Dr. G. Narayana**, Dr. Thirumalai Selvan, Mr. Usikela Naresh, “The Centralized and Distributed Group Key Management Techniques with Dynamic Multicast Tree Maintenance (DMTM) Protocol Methodology for MANETs”, *IJAEMA*, Vol. 13, No. 5, May 2021, ISSN: 0886-9367, pp. 2606–2614.

[14]. Punjala Sandeep Goud, **Dr. G. Narayana**, Dr. M. Giri, “Efficient the Cloud Data Over the Central Revelation”, *International Journal of Innovative Engineering and Management Research (IJIEMR)*, Vol. 9, No. 1, January 2020, ISSN: 2456-5083, pp. 9–15.

[15]. Banda Naveen, **Dr. G. Narayana**, Dr. M. Giri, “Rearrange Based on Identity and Application in Email in the Cloud”, *International Journal of Innovative Technology and Research (IJITR)*, Vol. 7, No. 4, 2019, ISSN: 2320-5547.

[16]. **Dr. G. Narayana**, “A Review on Routing Across a Multi-Hop with Jamming Assortment in Dedicated Wireless Networks”, *IJCMS*, Vol. 6, No. 12, December 2017, ISSN: 2347-8527.

[17]. **Dr. G. Narayana**, “A Framework for Discretion Protective Open Checking for Redeveloping Cipher Created Haze Packing”, *IJCMS*, Vol. 6, No. 12, December 2017, ISSN: 2347-8527.

[18]. **Dr. G. Narayana**, Dr. M. Akkalakshmi, Prof. A. Damodaram, “Dynamic Multicast Tree Maintenance Protocol for Secure Group Communication in MANET”, *Journal of Theoretical and Applied Information Technology (JATIT)*, Vol. 95, No. 11, 2017, ISSN: 1992-8645, pp. 2383–2392.

[19]. **Dr. G. Narayana**, Dr. M. Akkalakshmi, Prof. A. Damodaram, “Survey of Group Key Management Techniques in MANET”, *International Journal of Future Generation Communication and Networking (IJFGCN)*, Vol. 9, No. 11, 2016, ISSN: 2233-7857, pp. 345–352.

[20]. **Dr. G. Narayana**, Dr. M. Akkalakshmi, Prof. A. Damodaram, “Energy Efficient Polynomial Based Group Key Management Protocol for Secure Group Communications in MANET”, *International Journal of Applied Engineering Research (IJAER)*, Vol. 11, No. 9, 2016, ISSN: 0973-4562, pp. 6701–6705.

[21]. G. Lavanya, **Dr. G. Narayana**, “Creating Comprehensive Optimal Mockup with Min-Average Enquiring Interruption”, *IJRRECS*, Vol. 4, No. 9, September 2016, ISSN: 2321-5461.

[22]. **Dr. G. Narayana**, Dr. M. Akkalakshmi, Prof. A. Damodaram, “Secure Group Communication in Mobile Ad Hoc Network Using Virtual Indexed Key Management”, *IJCSJET*, Vol. 3, No. 4, 2014, ISSN: 2277-4408, pp. 1–5.

[23]. Ayesha Unnisa, **Dr. G. Narayana**, T. Shesagiri, “A Study on Effective Approach for Intrusion Detection in MANET”, *IJATES*, Vol. 2, No. 1, September 2014, ISSN: 2348-7550.

[24]. **Dr. G. Narayana**, Dr. M. Akkalakshmi, Prof. A. Damodaram, "Secure Group Communication Approaches by Using Key Distribution System in MANETs", *IJCSIET*, Vol. 3, No. 3, 2013, ISSN: 2277-4408, pp. 1–6.

[25]. **Dr. G. Narayana**, "Ensuring Secured Data Transmission and Providing Privacy and Integrity for Range Queries in Wireless Sensor Networks", *IJCSIET*, Vol. 3, No. 3, July 2013.

[26]. K. Vikram, **Dr. G. Narayana**, Niraj Upadyaya, "Medical Image Compression", *IJECT*, Vol. 3, No. 2, April–June 2012.

International /National Conference

INTERNATIONAL CONFERENCES

[1]. **Dr. Garlapati Narayana**, J. Harshitha, Rishika Reddy Sanikommu, "PrajaSetu: A Unified AI-Driven Digital Governance Platform for Secure Voting, Transparent Administration, Tax Management, and Civic Empowerment", *IEEE International Conference on Emerging Computing and Intelligent Technologies*, 2026, IEEE, ISBN: 979-8-3315-8997-4.

[2]. Sathvika Papishetti, Balveer Kain, **Dr. Garlapati Narayana**, "Stress Detection Based on Human Sleep Cycle", *MATEC Web of Conferences*, Vol. 392, International Conference on Multidisciplinary Research and Sustainable Development (ICMED 2024), EDP Sciences, 18 March 2024, pp. 1–10. DOI: 10.1051/mateconf/202439201073. (UGC Approved Paper)

[3]. M. Sai Siddarth Reddy, B. Sai Venkata Nitin, **Dr. Garlapati Narayana**, "The Optimal Placement Model for Electric Vehicle Charging Stations Using Bayesian Networks", *MATEC Web of Conferences*, Vol. 392, 2024. DOI: 10.1051/mateconf/202439201070. (UGC Approved Journal)

[4]. **Dr. Garlapati Narayana**, Participated in the International Conference on "Devices, Intelligent Systems & Communications", held on 9–10 January 2020 at J.B. Institute of Engineering and Technology (JBIET), Hyderabad.

[5]. **Dr. Garlapati Narayana**, "Using WAN Aggrandizement Explication to Remove Defects in TCP Performance in Adhoc Network", presented at the 2nd International Conference on Inventive Systems and Control (ICISC 2018), JCT College of Engineering and Technology, Coimbatore, held on 19–20 January 2018.

[6]. **Dr. Garlapati Narayana**, "Challenges for the Preliminary Technological Development in the Health Network System of Wireless Sensors", presented at the 2nd International Conference on Inventive Systems and Control (ICISC 2018), Coimbatore, held on 19–20 January 2018. (Scopus Indexed)

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